

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111255.D
 Acq On : 10 Dec 2018 21:14
 Operator : JU/SJ
 Sample : J6282-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MSD

Manual Integrations
 APPROVED

Sohil
 12/11/2018 2:23:38 PM

Quant Time: Dec 11 05:53:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	499076	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1829403	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	701867	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	928213	20.00	ng	0.00
76) Chrysene-d12	13.99	240	354572	20.00	ng	0.04
87) Perylene-d12	15.44	264	446041	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3951070	125.01	ng	0.02
7) Phenol-d6	6.45	99	5168211	131.58	ng	0.01
23) Nitrobenzene-d5	7.37	82	3213006	98.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	608436	97.86	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4188906	115.92	ng	0.00
79) Terphenyl-d14	12.93	244	2023049	136.86	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	516636	31.859	ng	98
3) Pyridine	3.32	79	616695	14.315	ng	99
4) n-Nitrosodimethylamine	3.23	42	807036	43.936	ng	95
6) Aniline	6.46	93	68602	1.310	ng	# 1
8) 2-Chlorophenol	6.59	128	1489982	41.474	ng	98
9) Benzaldehyde	6.35	77	379834	13.585	ng	96
10) Phenol	6.46	94	2119364	46.146	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	2038548	57.392	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1537196	39.822	ng	98
13) 1,4-Dichlorobenzene	6.82	146	1544203	39.619	ng	99
14) 1,2-Dichlorobenzene	6.98	146	1434366	39.456	ng	98
15) Benzyl Alcohol	6.95	79	1272813	40.949	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2711109	40.768	ng	99
17) 2-Methylphenol	7.06	107	1259750	42.950	ng	98
18) Hexachloroethane	7.32	117	573295	38.633	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	1079968	41.045	ng	99
20) 3+4-Methylphenols	7.22	107	1453061	41.651	ng	96
22) Acetophenone	7.22	105	1927370	46.045	ng	97
24) Nitrobenzene	7.39	77	1542396	45.436	ng	98
25) Isophorone	7.63	82	2644158	47.598	ng	99
26) 2-Nitrophenol	7.70	139	733906	43.514	ng	96
27) 2,4-Dimethylphenol	7.75	122	1261367	48.398	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	1684308	43.783	ng	99
29) 2,4-Dichlorophenol	7.95	162	1181728	44.344	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1079483	41.123	ng	99
31) Naphthalene	8.11	128	3650389	45.720	ng	98
32) Benzoic acid	7.85	122	529456	24.566	ng	95
33) 4-Chloroaniline	8.16	127	274110	7.148	ng	96
34) Hexachlorobutadiene	8.23	225	609493	42.063	ng	99
35) Caprolactam	8.52	113	418832m	44.352	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1291163	47.321	ng	98
37) 2-Methylnaphthalene	8.80	142	2320307	43.772	ng	99
38) 1-Methylnaphthalene	8.90	142	2291009	44.133	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	927332	47.483	ng	99

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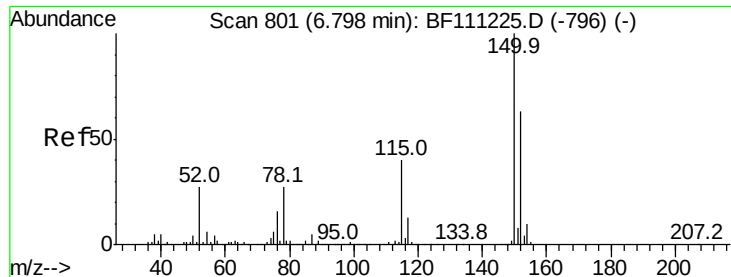
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	318366	28.625	nq	96
43) 2,4,6-Trichlorophenol	9.08	196	668355	45.592	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	678701	44.443	nq	97
46) 1,1'-Biphenyl	9.26	154	2436043	43.650	nq	97
47) 2-Chloronaphthalene	9.29	162	1827078	39.784	nq	98
48) 2-Nitroaniline	9.38	65	806186	51.461	nq	94
49) Acenaphthylene	9.70	152	3090206	46.351	nq	99
50) Dimethylphthalate	9.57	163	2786873	53.814	nq	99
51) 2,6-Dinitrotoluene	9.62	165	587917	51.406	nq	89
52) Acenaphthene	9.87	154	1999346	47.787	nq	100
53) 3-Nitroaniline	9.79	138	251636	17.826	nq	94
54) 2,4-Dinitrophenol	9.89	184	436029	96.478	nq	95
55) Dibenzofuran	10.05	168	2558865	44.956	nq	97
56) 4-Nitrophenol	9.95	139	1006987	91.591	nq	98
57) 2,4-Dinitrotoluene	10.03	165	697307	49.458	nq	94
58) Fluorene	10.39	166	1730820	39.296	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	530610	45.839	nq	99
60) Diethylphthalate	10.27	149	2028210	41.079	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	783200	35.812	nq	95
62) 4-Nitroaniline	10.40	138	449000	33.615	nq	97
63) Azobenzene	10.55	77	1829618	35.693	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	247081	45.027	nq	89
66) n-Nitrosodiphenylamine	10.50	169	1568095	49.628	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	391919	38.550	nq	99
68) Hexachlorobenzene	10.94	284	392367	37.939	nq	# 88
69) Atrazine	11.03	200	363641	37.846	nq	97
70) Pentachlorophenol	11.13	266	479121	63.861	nq	97
71) Phenanthrene	11.35	178	2355479	50.311	nq	97
72) Anthracene	11.40	178	2467025	50.367	nq	98
73) Carbazole	11.55	167	2412116	47.096	nq	98
74) Di-n-butylphthalate	11.89	149	2583649	49.078	nq	99
75) Fluoranthene	12.54	202	1838085	42.978	nq	99
77) Benzidine	12.66	184	14941	1.419	nq	# 1
78) Pyrene	12.77	202	1805635	71.262	nq	97
80) Butylbenzylphthalate	13.40	149	657719	49.697	nq	94
81) Benzo(a)anthracene	13.99	228	963839	48.725	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	126634	15.619	nq	# 77
83) Chrysene	14.02	228	970464	47.588	nq	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	1492089	94.880	nq	# 99
85) Di-n-octyl phthalate	14.59	149	1158096	43.936	nq	# 27
86) Indeno(1,2,3-cd)pyrene	16.88	276	1195126	72.600	nq	98
88) Benzo(b)fluoranthene	15.03	252	1051396	42.624	nq	# 73
89) Benzo(k)fluoranthene	15.06	252	1046734	45.134	nq	# 78
90) Benzo(a)pyrene	15.39	252	1109966	48.864	nq	# 78
91) Dibenzo(a,h)anthracene	16.89	278	998088	55.942	nq	# 91
92) Benzo(g,h,i)perylene	17.31	276	831287	46.544	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

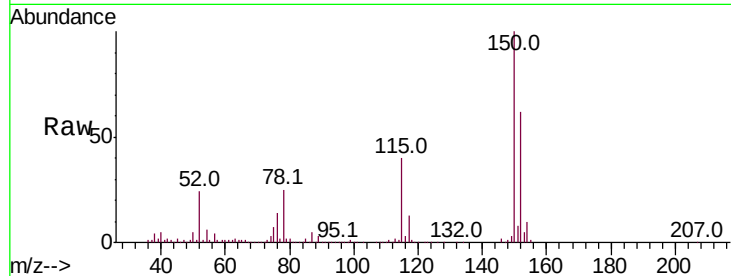
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.6	189.8
115	63.6	50.7	76.1

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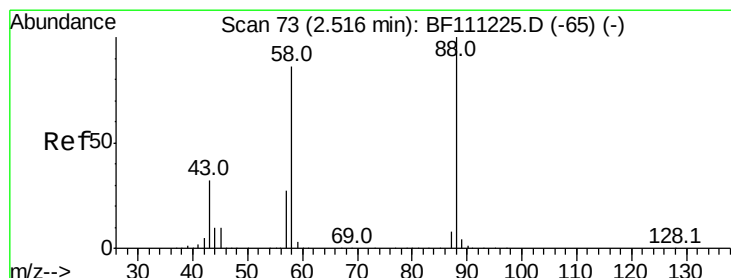
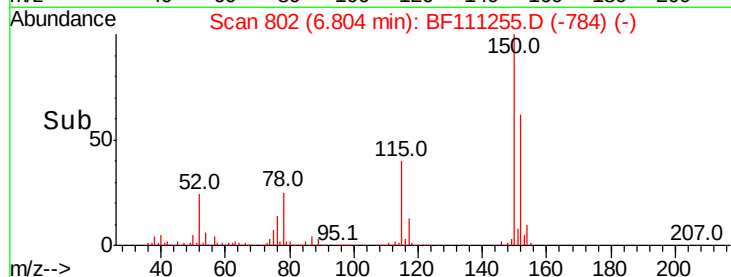
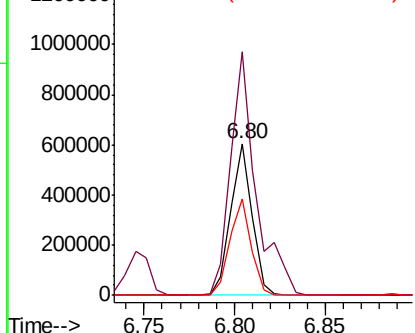


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

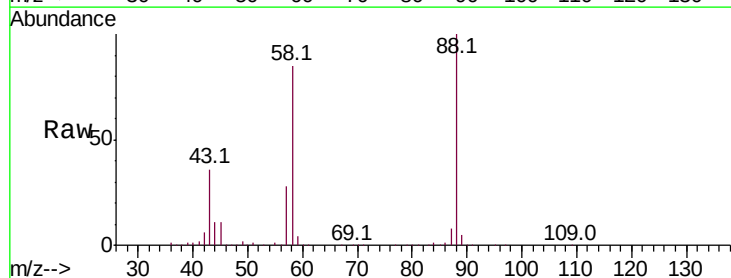
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.859 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	68.9	103.3
43	32.5	25.8	38.6

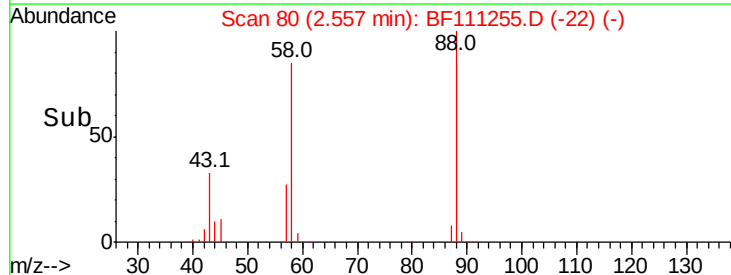
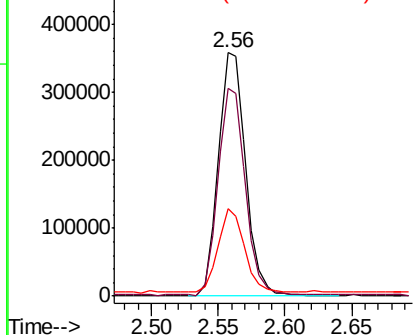


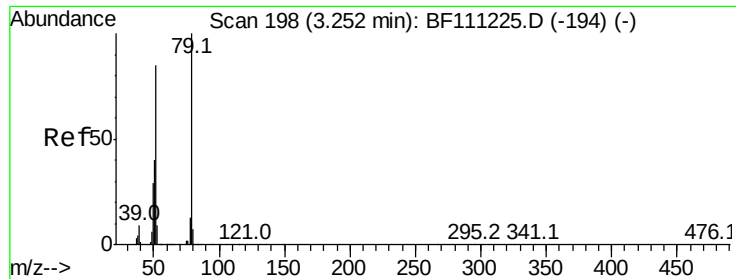
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 14.315 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.07 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

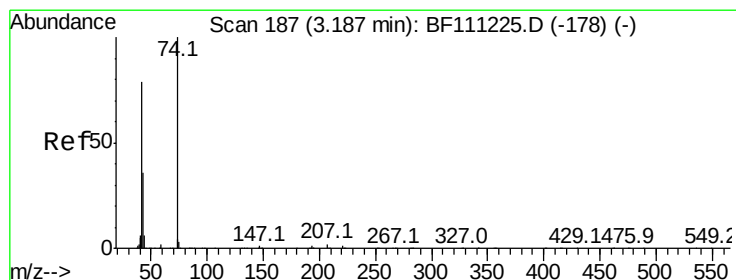
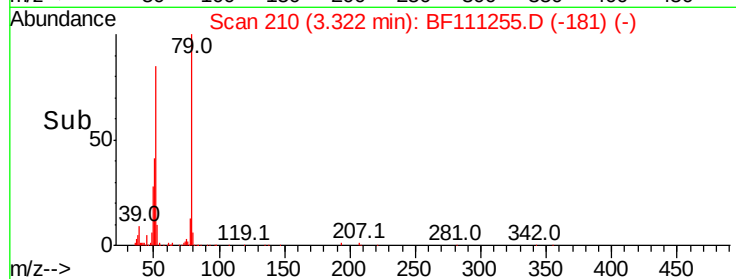
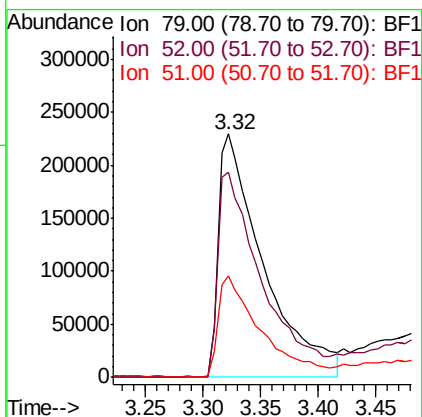
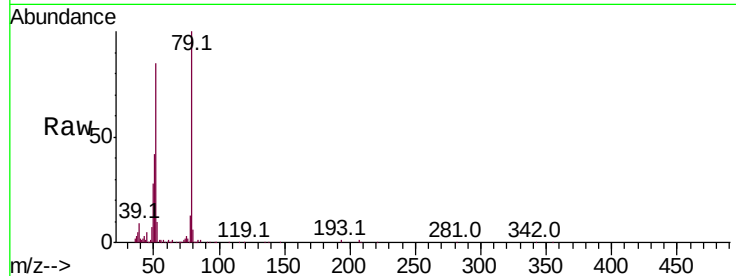
ClientSampleId :

AU-7-120618MSD

Tot Ion:	79	Resp:	616695
Ion Ratio	Lower	Upper	
79	100		
52	84.5	68.3	102.5
51	41.5	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 43.936 ng

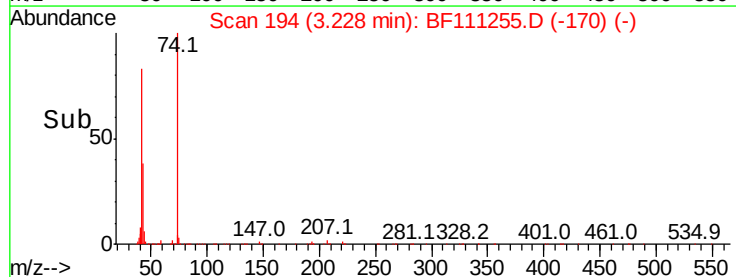
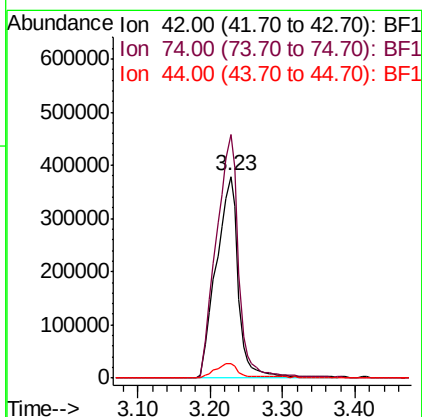
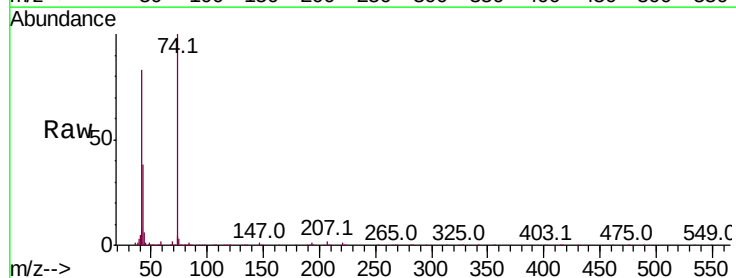
RT: 3.23 min Scan# 194

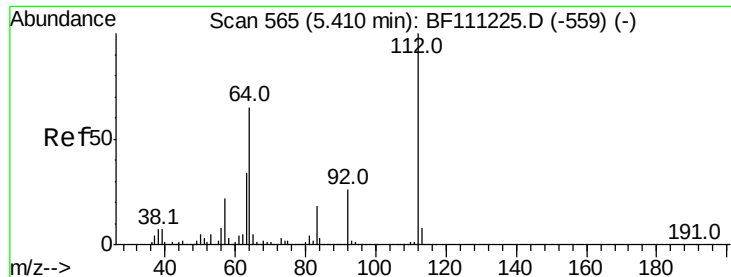
Delta R.T. 0.04 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	42	Resp:	807036
Ion Ratio	Lower	Upper	
42	100		
74	120.6	101.5	152.3
44	7.2	6.0	9.0





#5

2-Fluorophenol

Concen: 125.011 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:112 Resp: 3951070

Ion Ratio Lower Upper

112 100

64 64.7 51.8 77.6

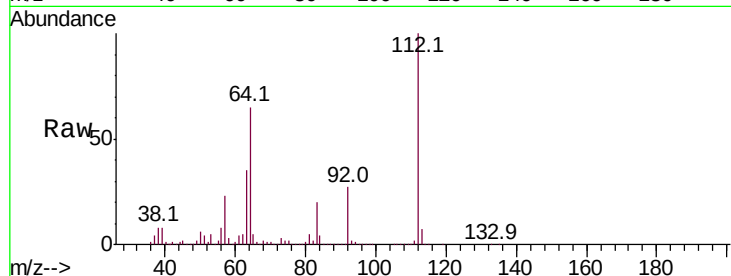
63 35.0 26.8 40.2

Manual Integrations

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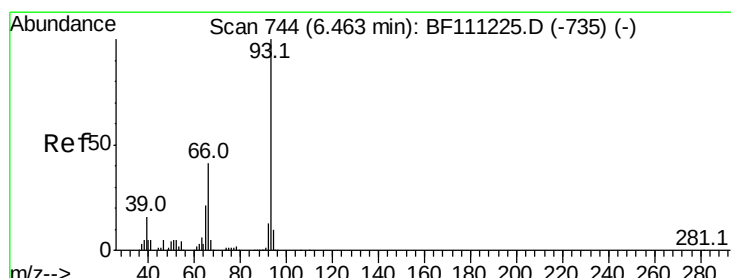
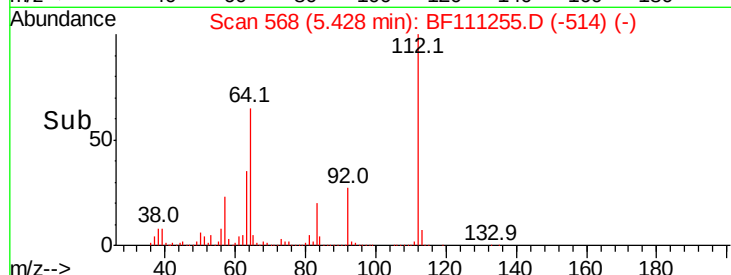
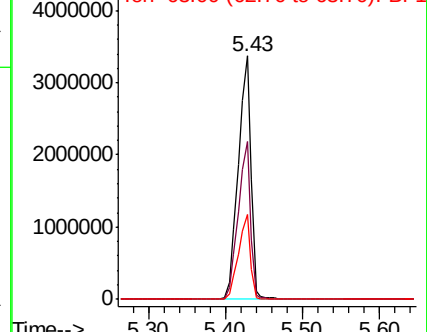
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.310 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

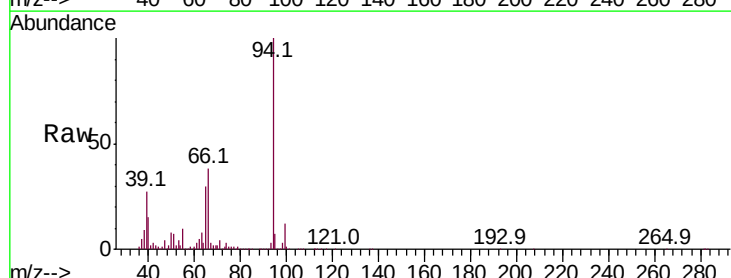
Tgt Ion: 93 Resp: 68602

Ion Ratio Lower Upper

93 100

66 1356.9 33.2 49.8#

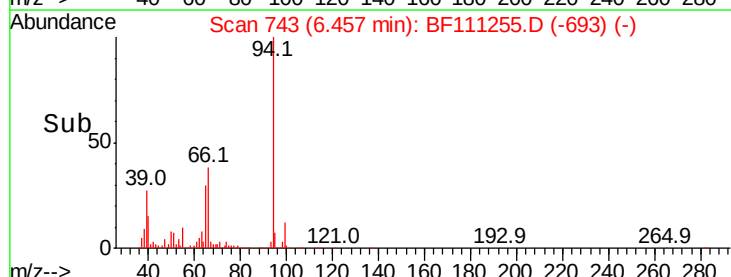
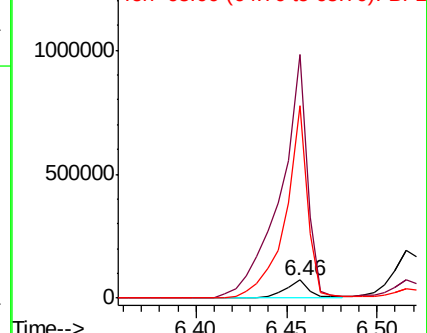
65 1072.8 17.0 25.4#

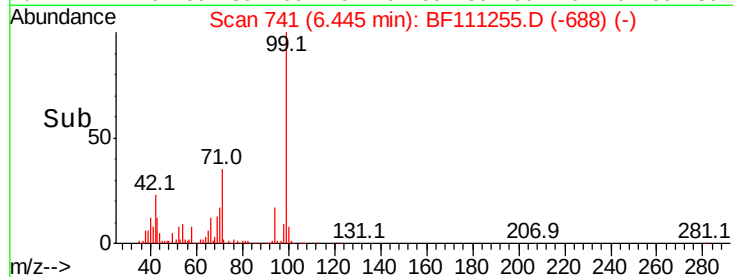
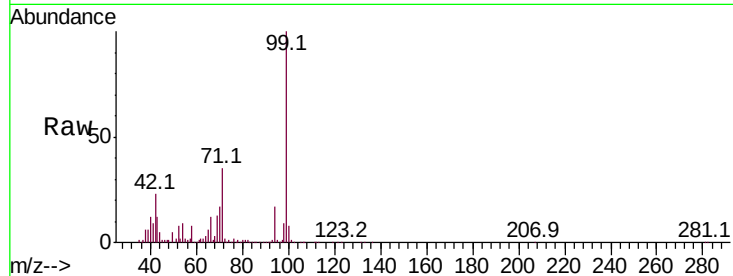
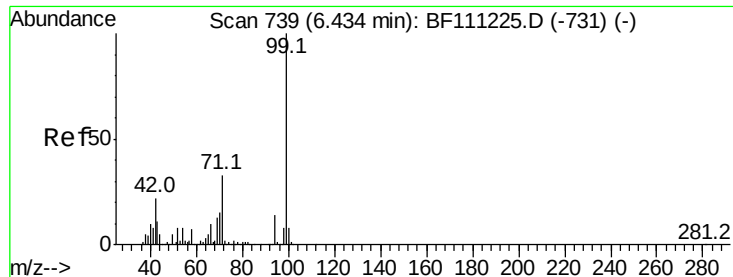


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.580 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tot Ion:	99	Resp:	5168211
Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.4	26.0
71	35.0	26.1	39.1

Instrument :

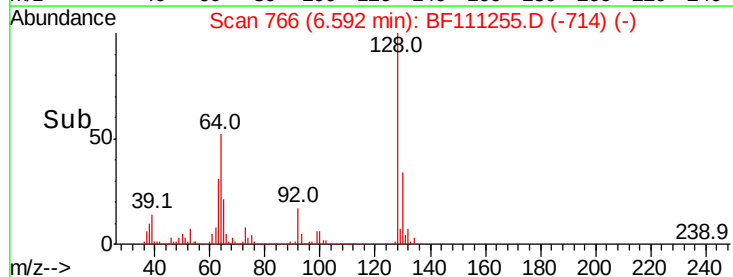
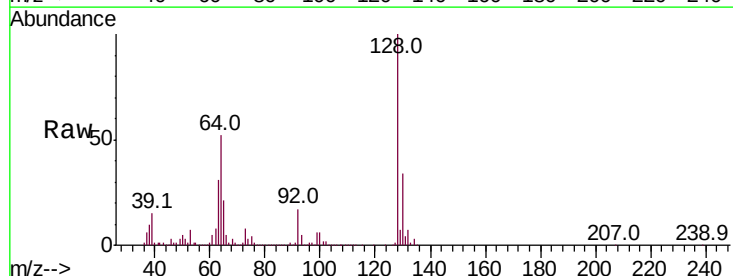
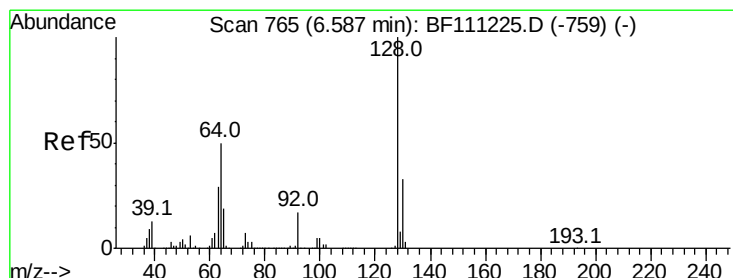
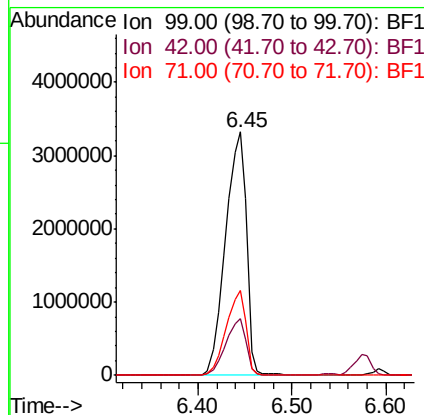
BNA_F

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#8

2-Chlorophenol

Concen: 41.474 ng

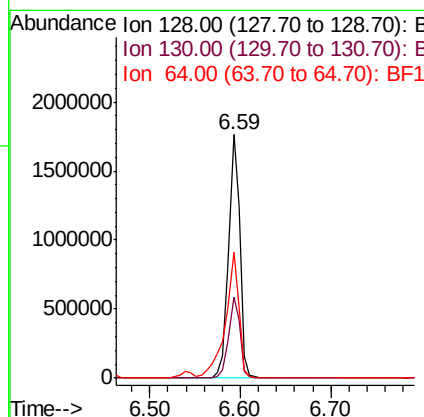
RT: 6.59 min Scan# 766

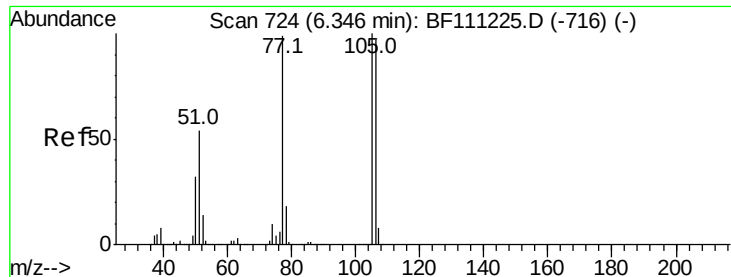
Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	128	Resp:	1489982
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.7	52.7
64	51.7	30.0	70.0





#9

Benzaldehyde

Concen: 13.585 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

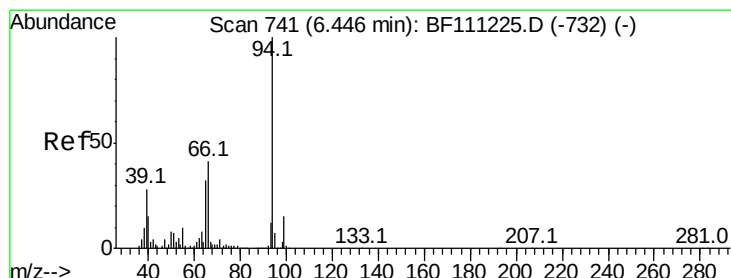
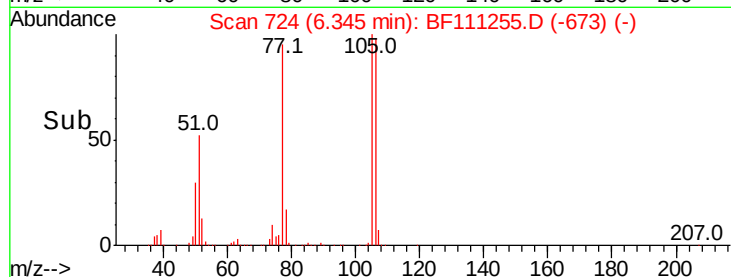
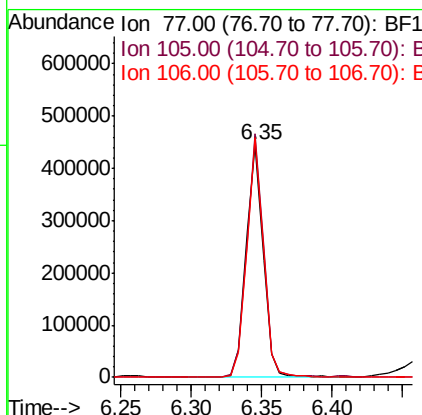
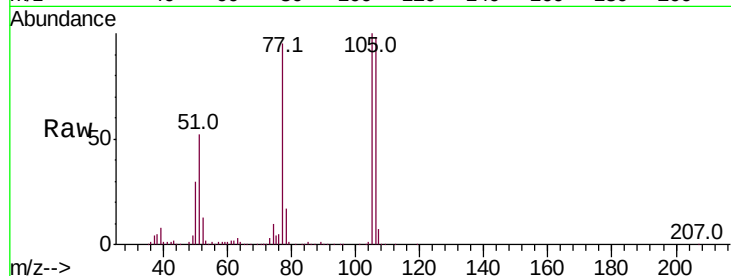
ClientSampleId :

AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.8	81.4	121.4
106	103.1	77.9	117.9

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#10

Phenol

Concen: 46.146 ng

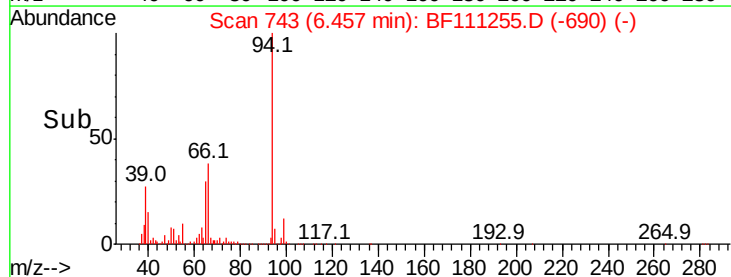
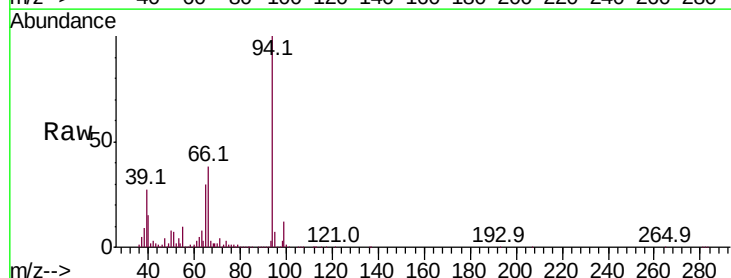
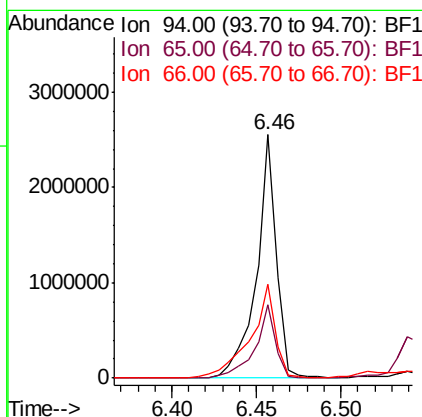
RT: 6.46 min Scan# 743

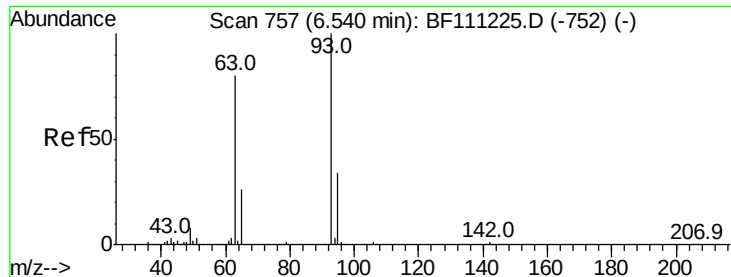
Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.7	51.7
66	38.5	21.0	61.0





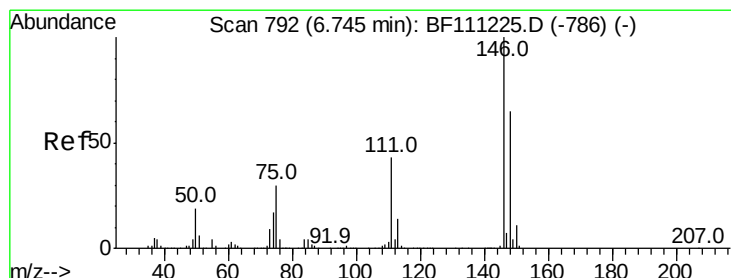
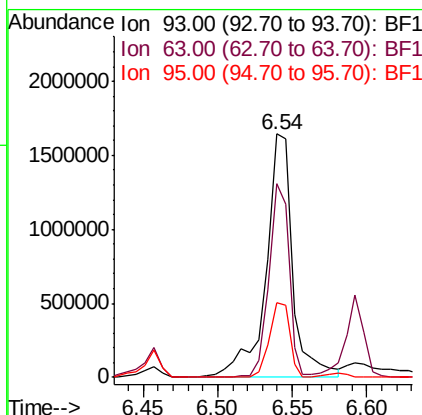
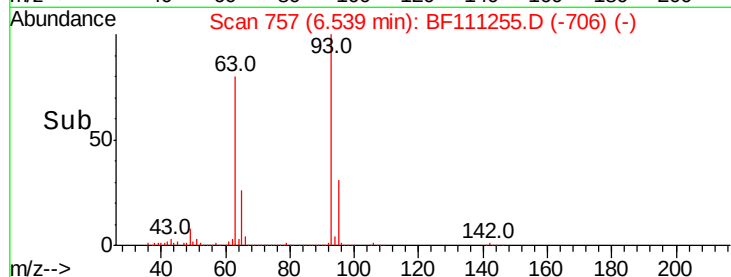
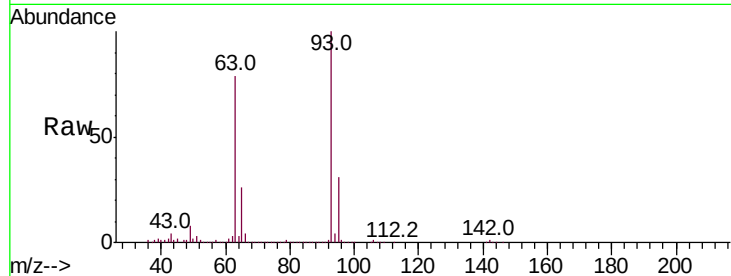
#11
bis(2-Chloroethyl)ether
Concen: 57.392 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion: 93 Resp: 2038548
Ion Ratio Lower Upper
93 100
63 79.4 60.0 100.0
95 30.5 13.4 53.4

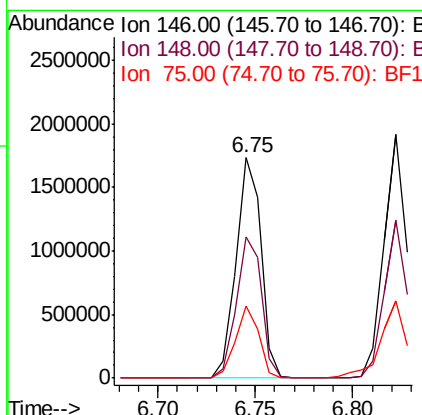
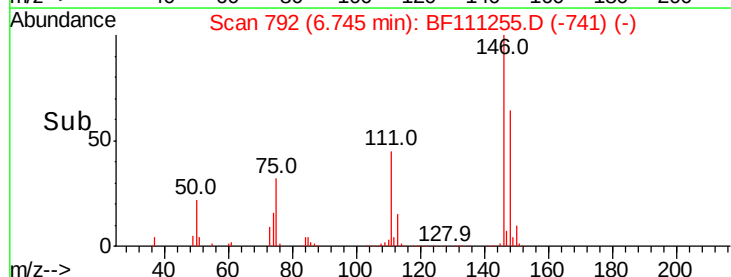
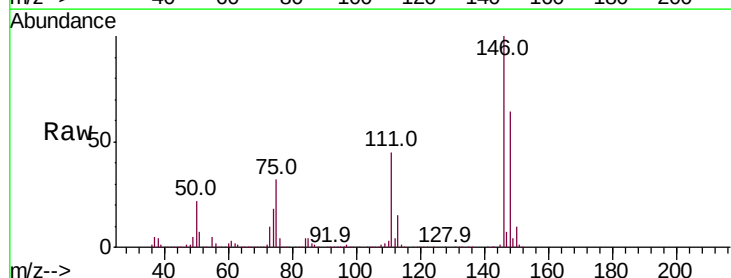
Manual Integrations
APPROVED

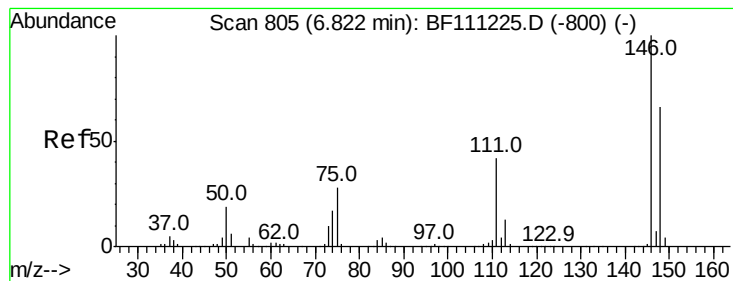
Sohil
12/11/2018 2:23:38 PM



#12
1,3-Dichlorobenzene
Concen: 39.822 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion: 146 Resp: 1537196
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
75 32.5 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 39.619 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:146 Resp: 1544203

Ion Ratio Lower Upper

146 100

148 64.8 52.8 79.2

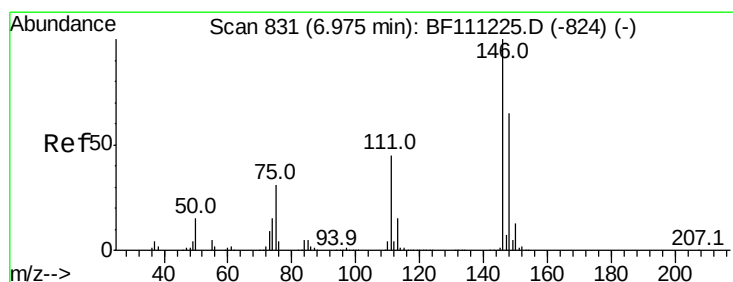
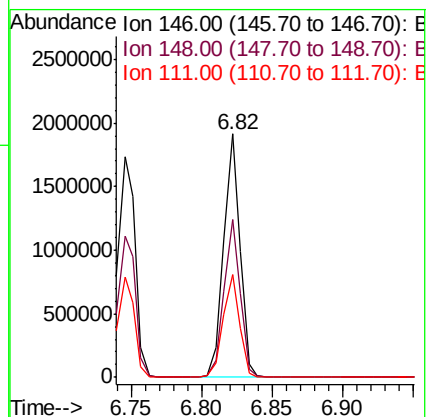
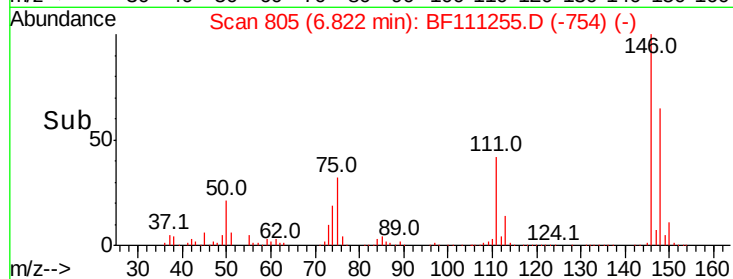
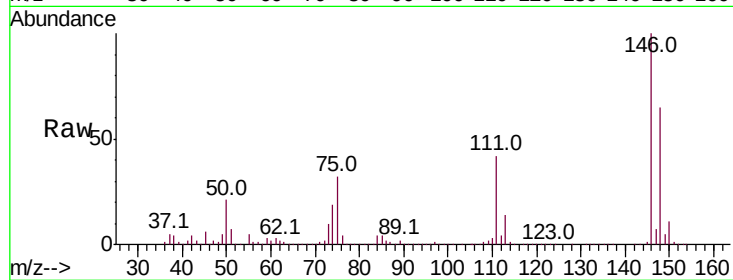
111 42.5 33.4 50.0

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 39.456 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

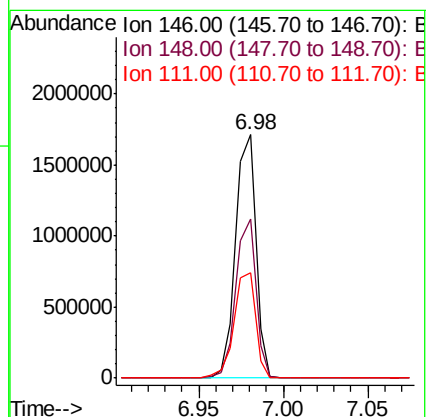
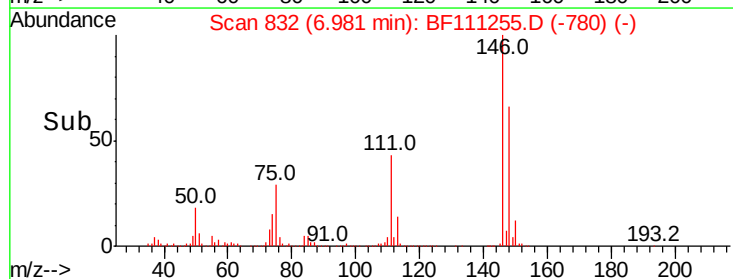
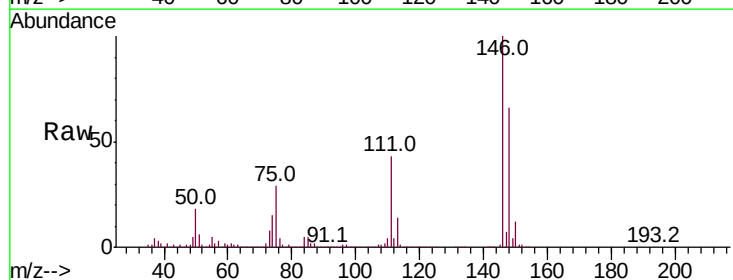
Tgt Ion:146 Resp: 1434366

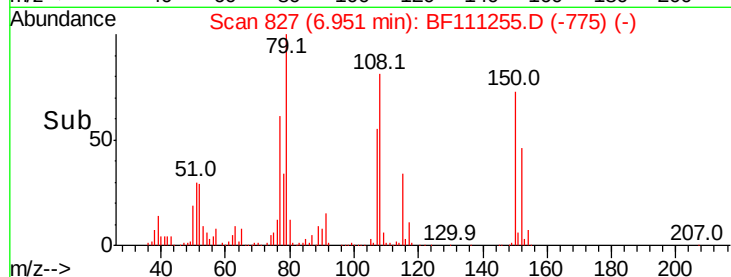
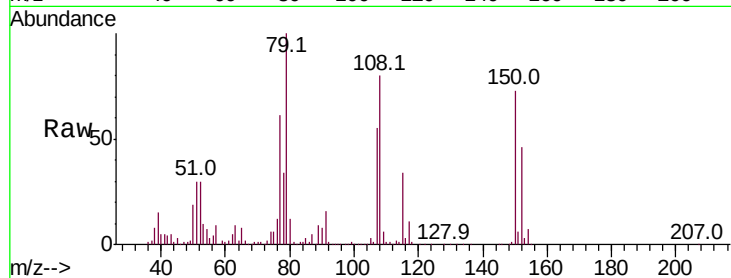
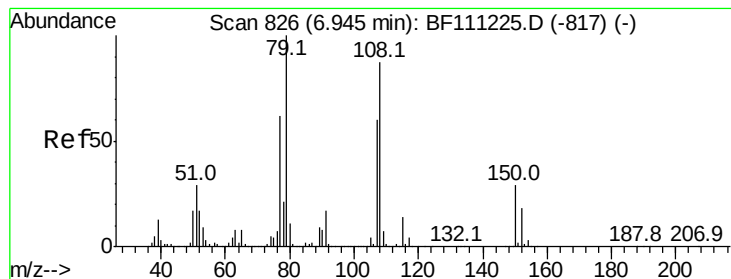
Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

111 43.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.949 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tot Ion: 79 Resp: 1272813

Ion Ratio Lower Upper

79 100

108 80.5 69.4 104.2

77 61.1 49.7 74.5

Instrument :

BNA_F

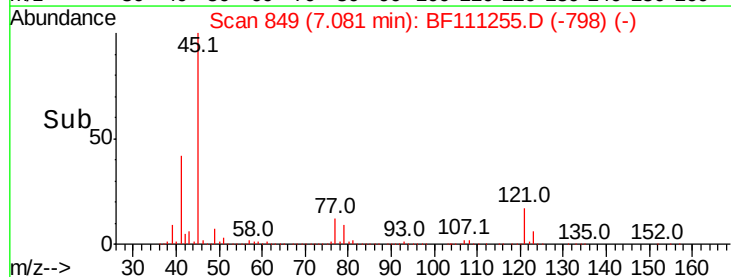
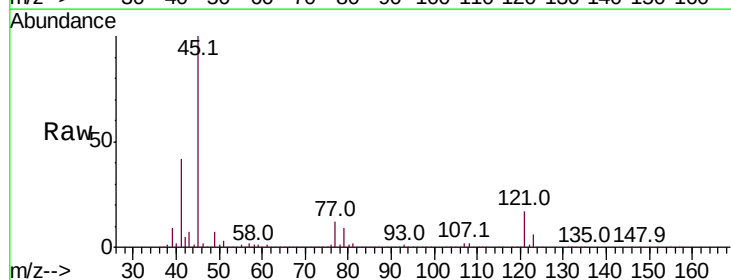
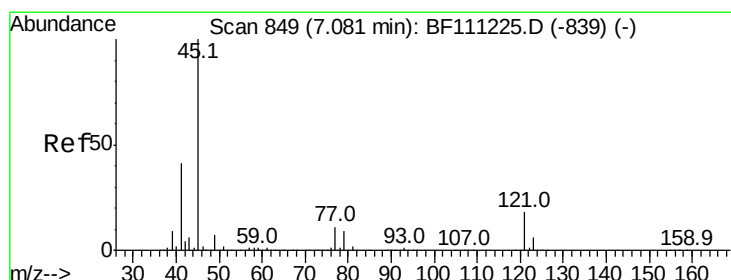
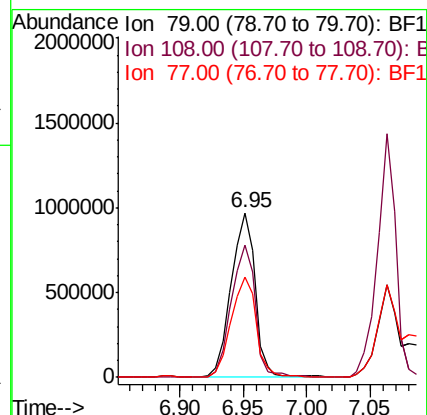
ClientSampleId :

AU-7-120618MSD

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.768 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

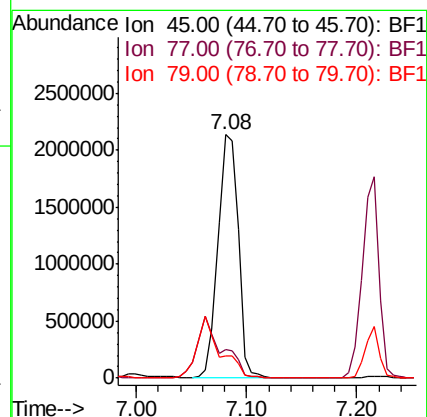
Tgt Ion: 45 Resp: 2711109

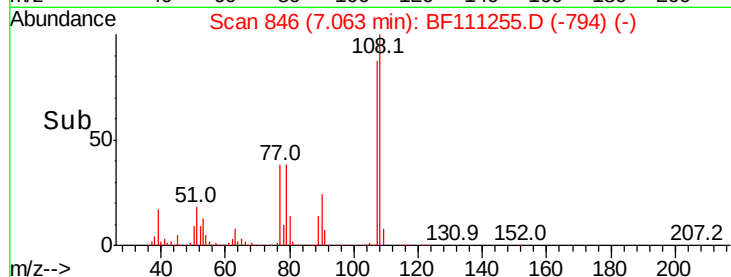
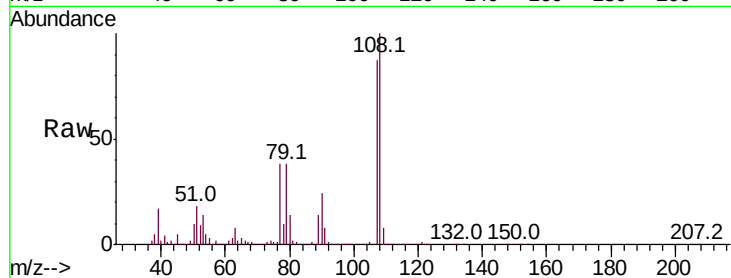
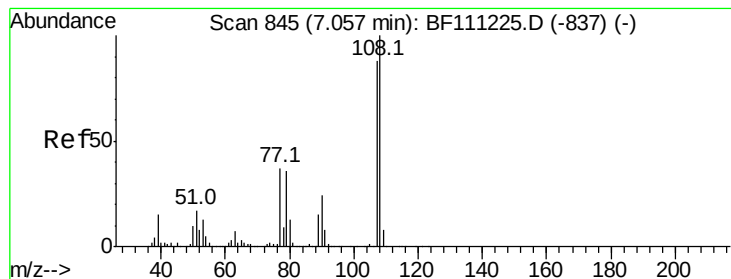
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.5

79 9.2 0.0 28.9





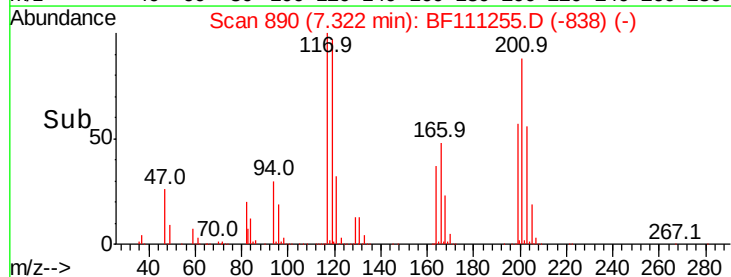
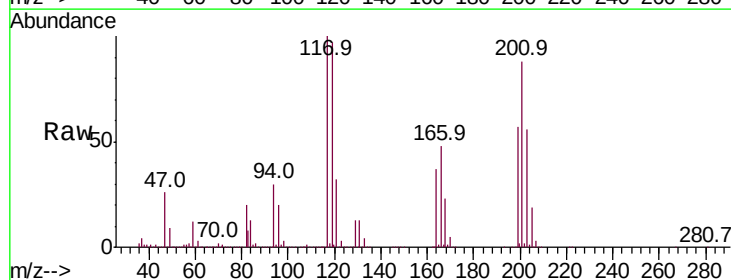
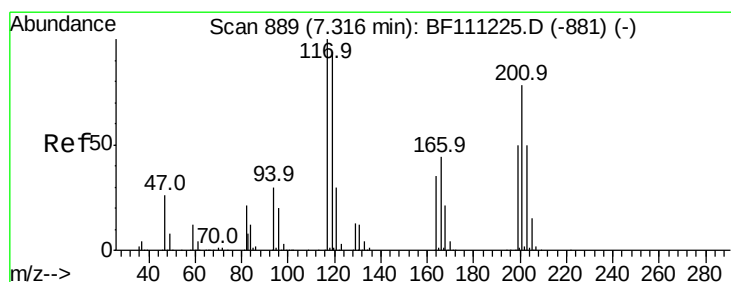
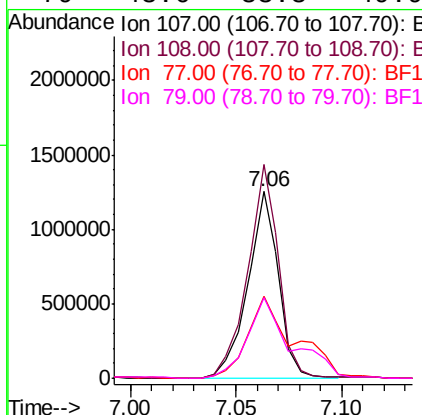
#17
2-Methylphenol
Concen: 42.950 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.0	136.4
77	43.8	33.5	50.3
79	43.6	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

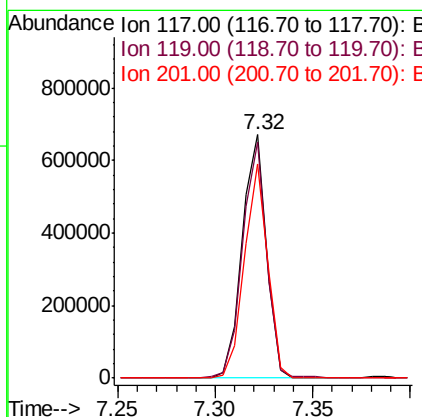
Manual Integrations
APPROVED

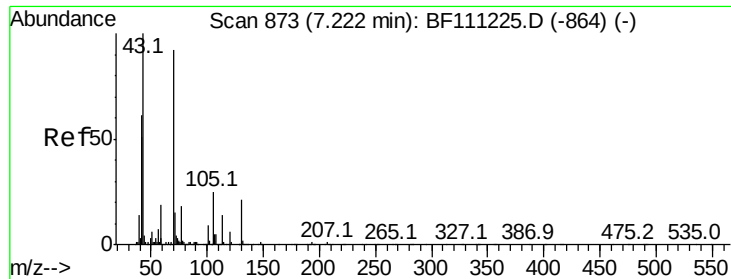
Sohil
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#18
Hexachloroethane
Concen: 38.633 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.4	113.0
201	87.8	62.4	93.6





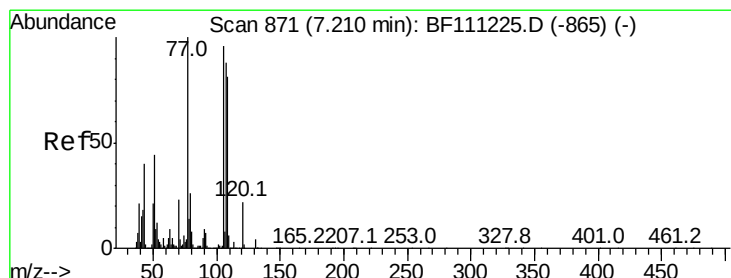
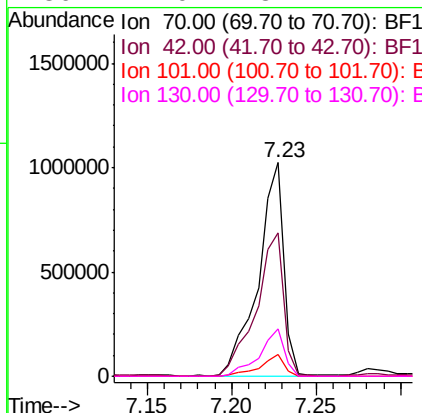
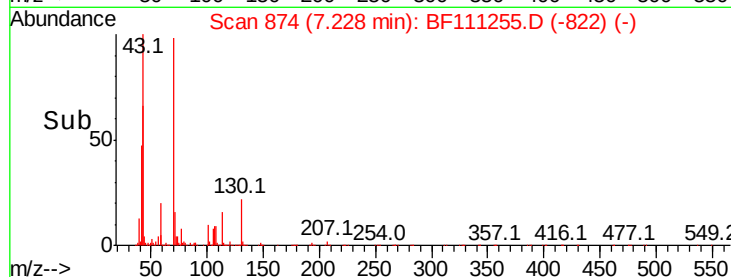
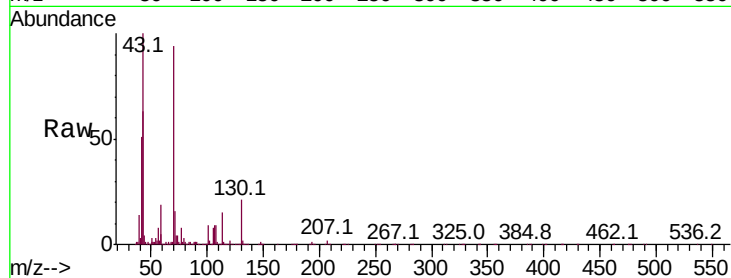
#19
n-Nitroso-di-n-propylamine
Concen: 41.045 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.0	53.2	79.8
101	10.0	8.2	12.4
130	22.0	18.1	27.1

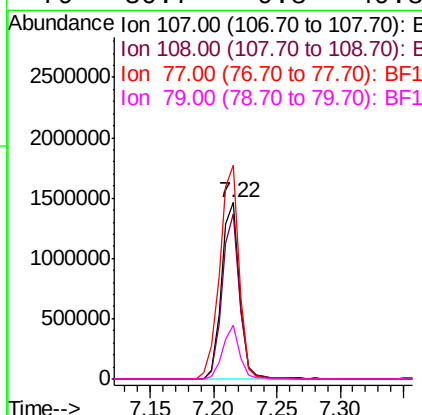
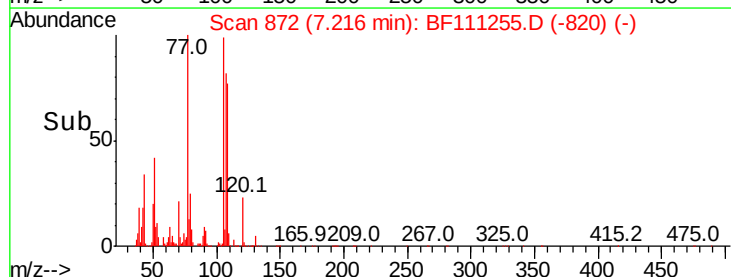
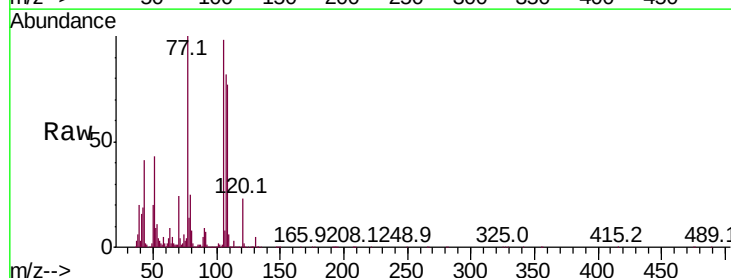
Manual Integrations
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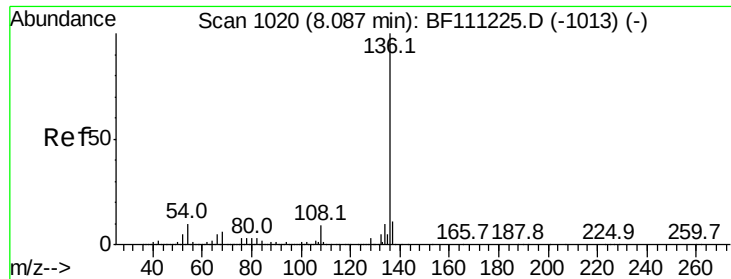
Sohil
12/11/2018 2:23:38 PM



#20
3+4-Methylphenols
Concen: 41.651 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.1	112.1
77	121.3	94.1	134.1
79	30.7	9.8	49.8





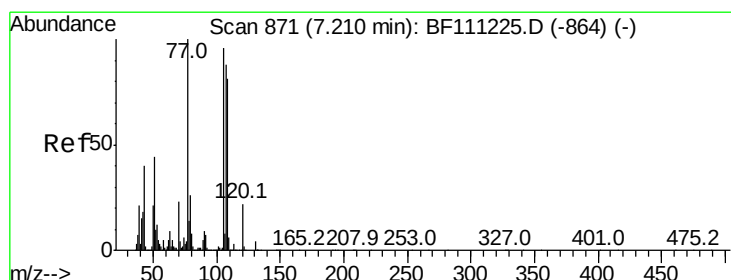
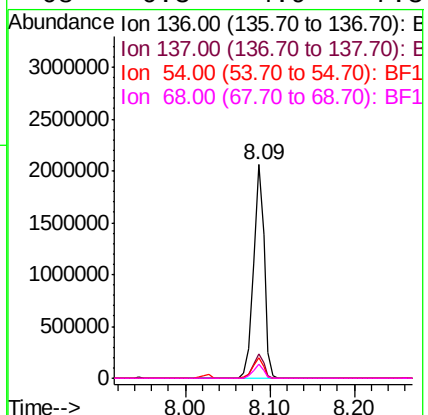
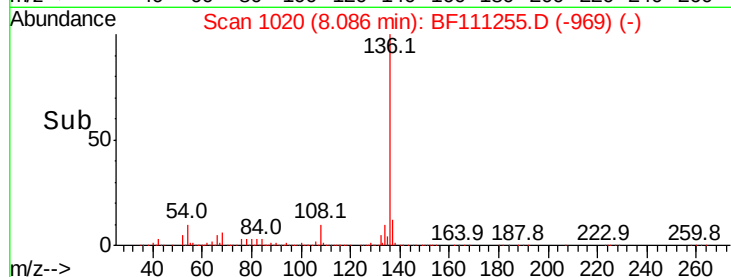
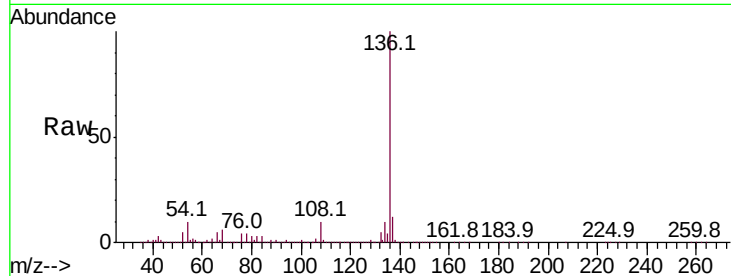
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.8	7.7	11.5
68	6.3	4.9	7.3

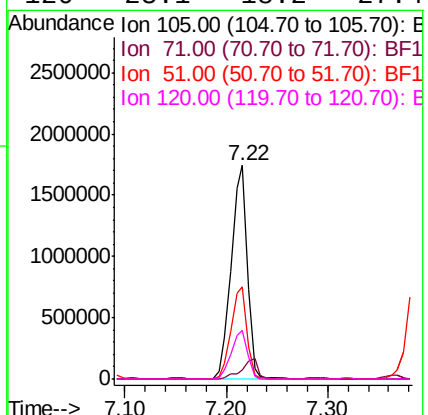
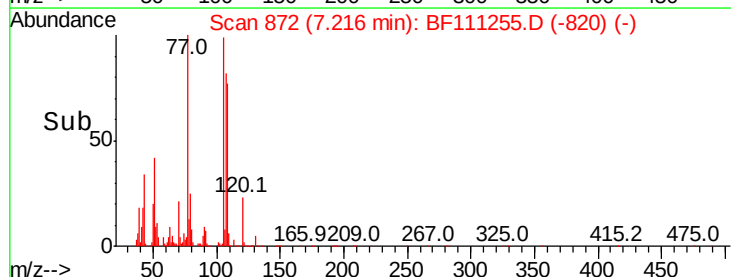
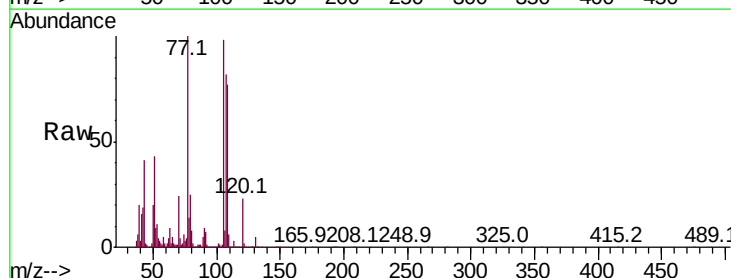
Manual Integrations
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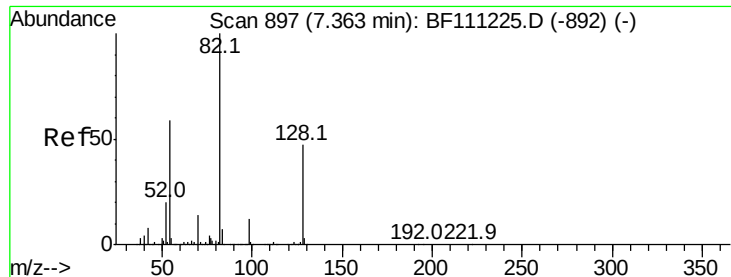
Sohil
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#22
Acetophenone
Concen: 46.045 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.1	4.7
51	43.2	36.6	54.8
120	23.1	18.2	27.4





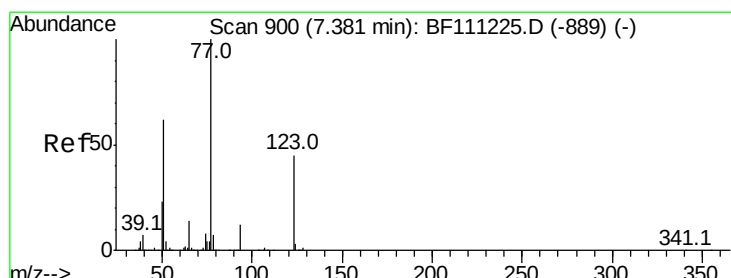
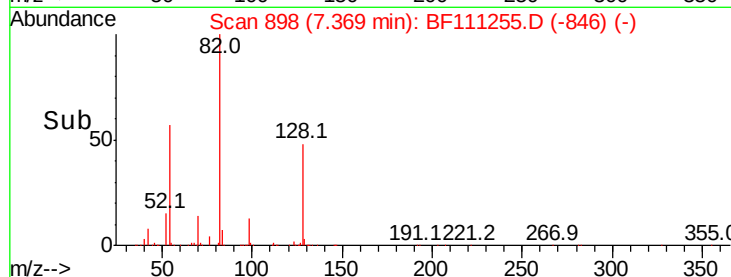
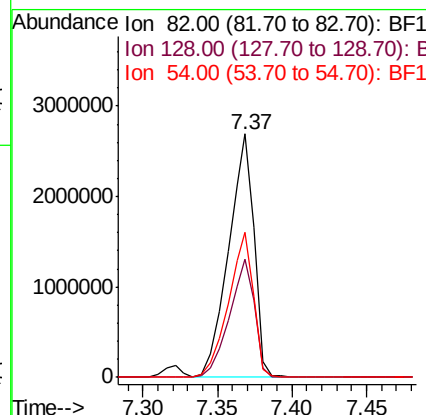
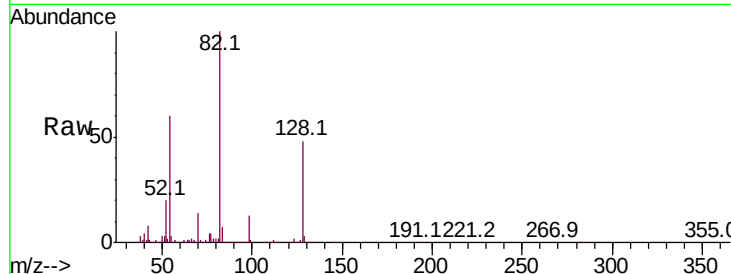
#23
Nitrobenzene-d5
Concen: 98.509 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion: 82 Resp: 3213006
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 59.7 47.6 71.4

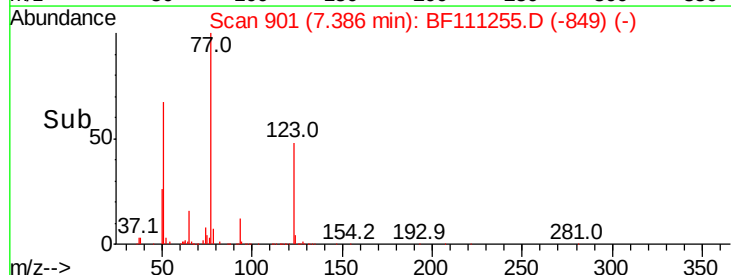
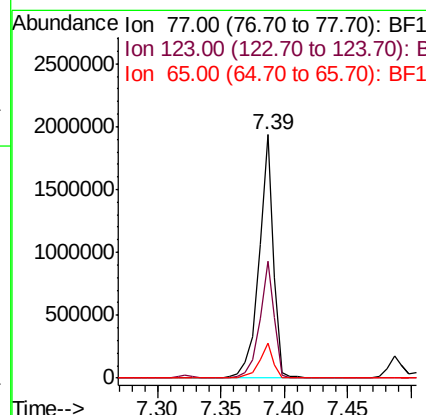
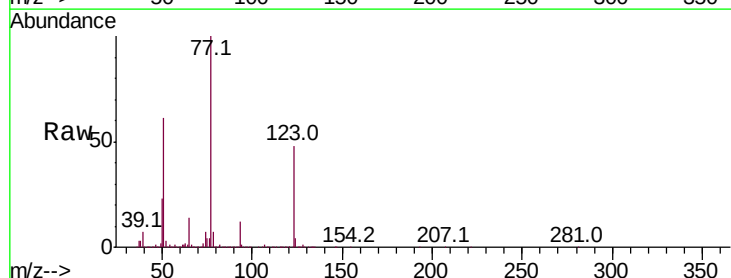
Manual Integrations
APPROVED

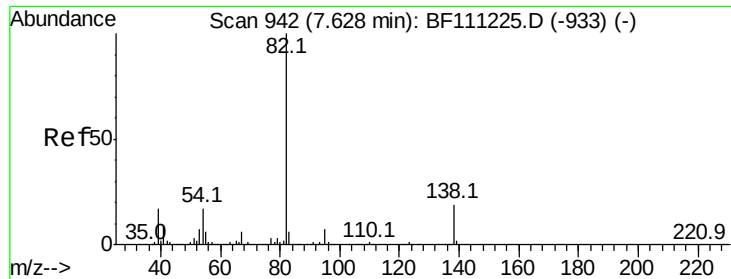
Sohil
12/11/2018 2:23:38 PM



#24
Nitrobenzene
Concen: 45.436 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion: 77 Resp: 1542396
Ion Ratio Lower Upper
77 100
123 48.2 37.2 55.8
65 14.5 11.5 17.3





#25

Isophorone

Concen: 47.598 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion: 82 Resp: 2644158

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

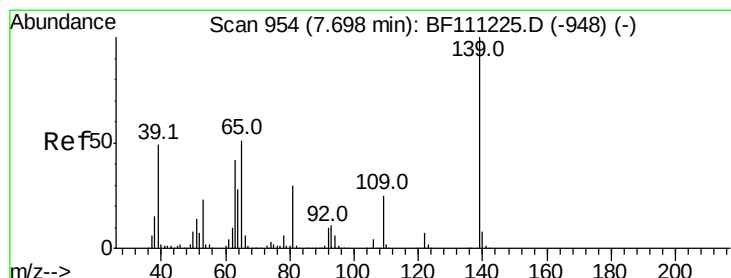
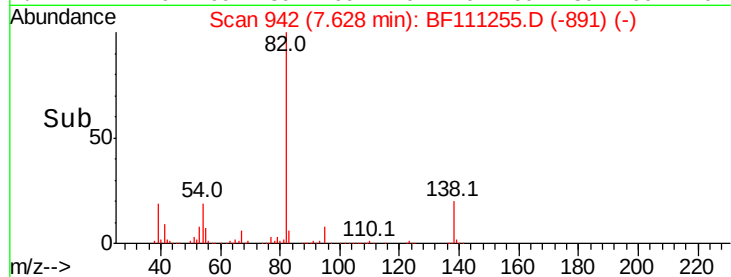
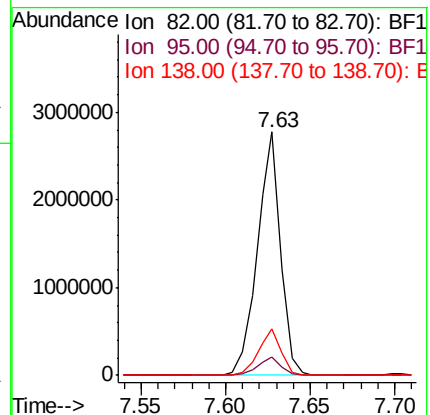
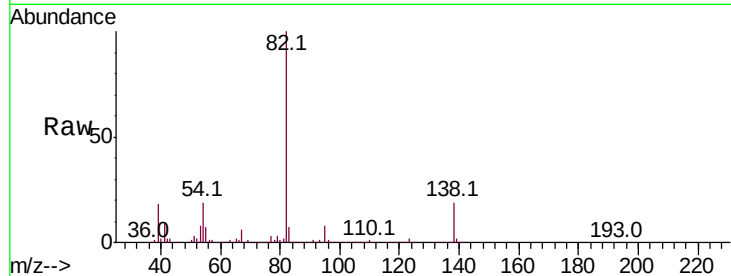
138 19.4 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.514 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

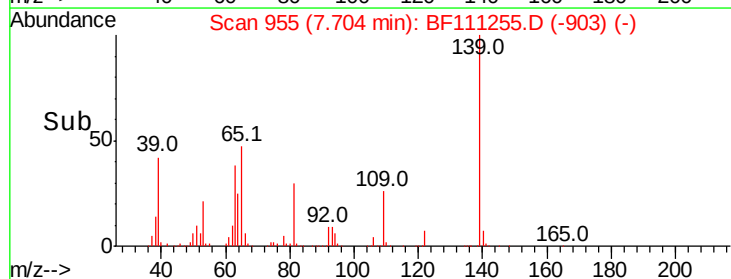
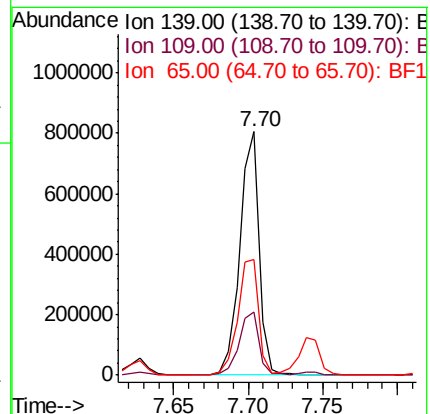
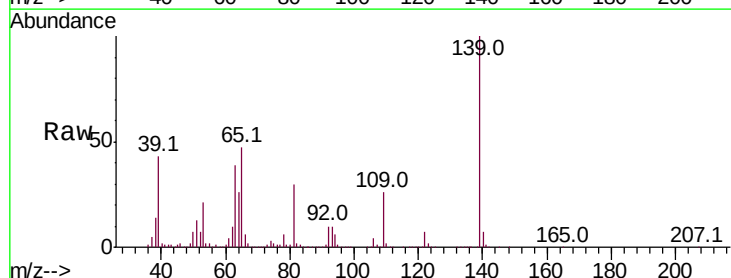
Tgt Ion: 139 Resp: 733906

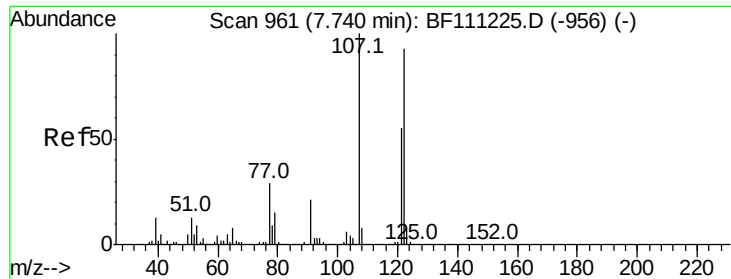
Ion Ratio Lower Upper

139 100

109 25.7 20.2 30.4

65 47.4 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 48.398 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:122 Resp: 1261367

Ion Ratio Lower Upper

122 100

107 110.5 85.5 128.3

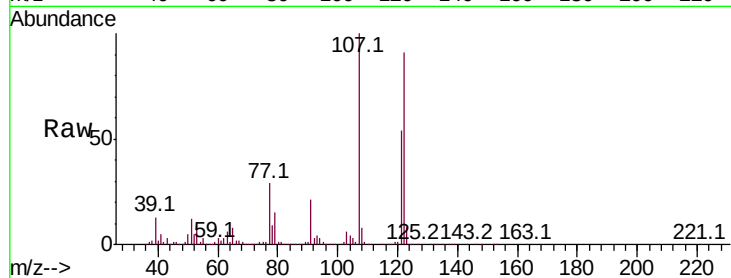
121 59.2 46.6 70.0

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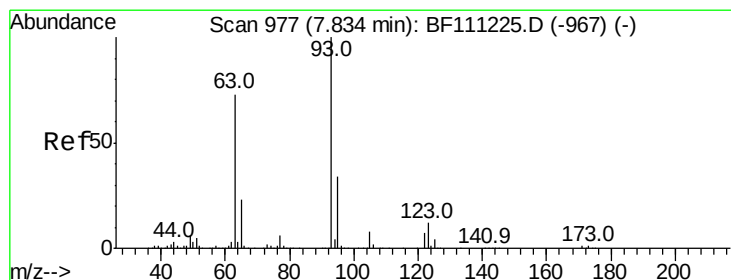
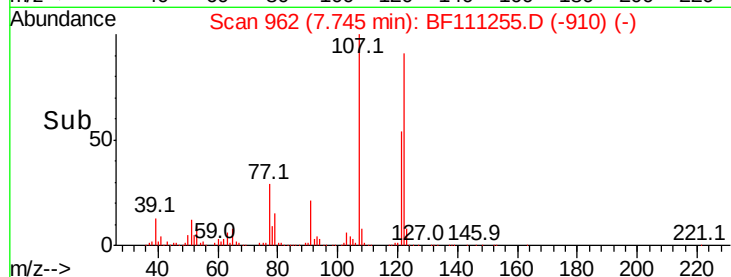
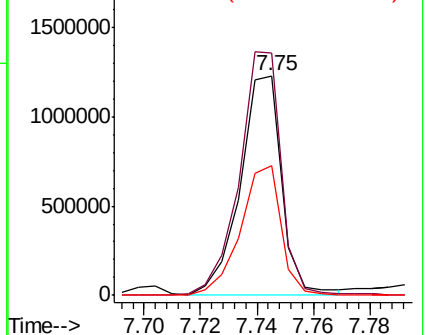
12/11/2018 2:23:38 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.783 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

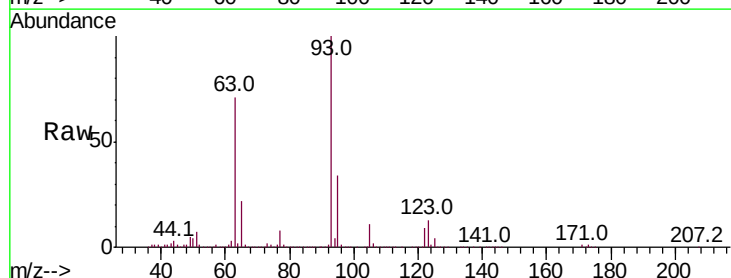
Tgt Ion: 93 Resp: 1684308

Ion Ratio Lower Upper

93 100

95 34.3 27.1 40.7

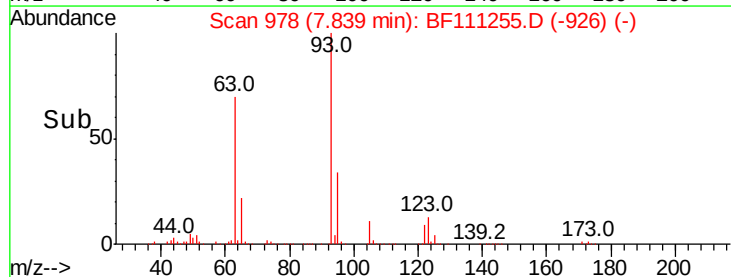
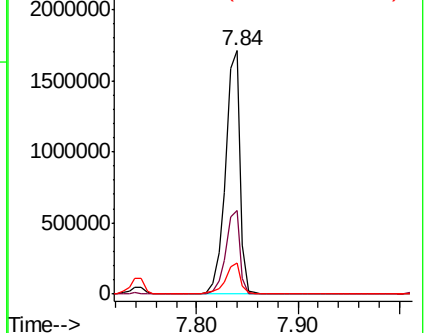
123 13.1 9.9 14.9

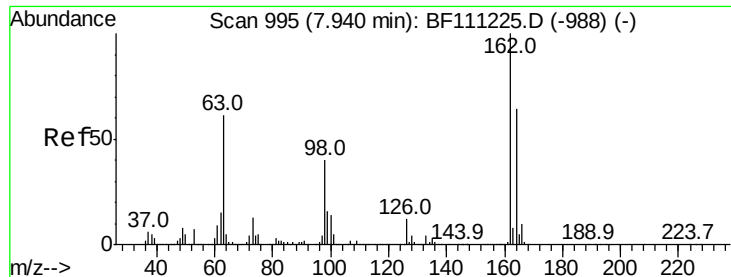


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





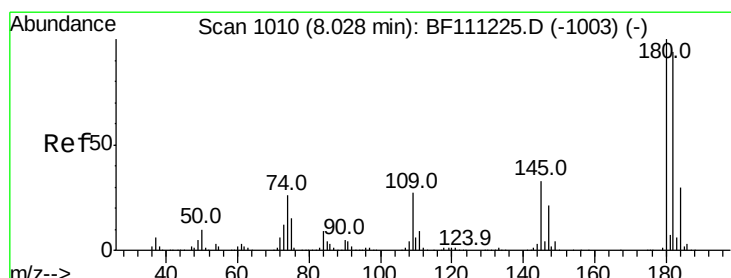
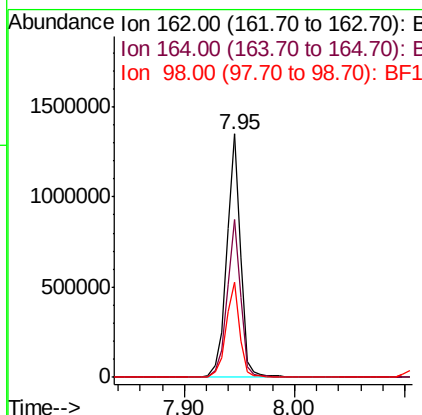
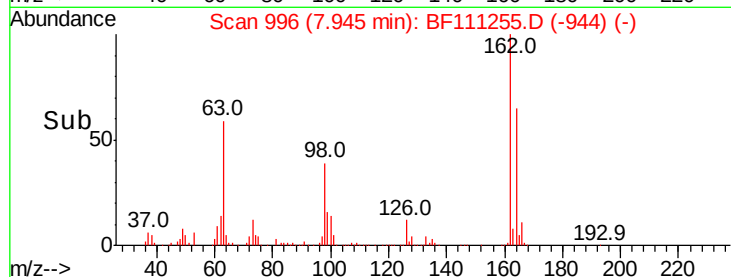
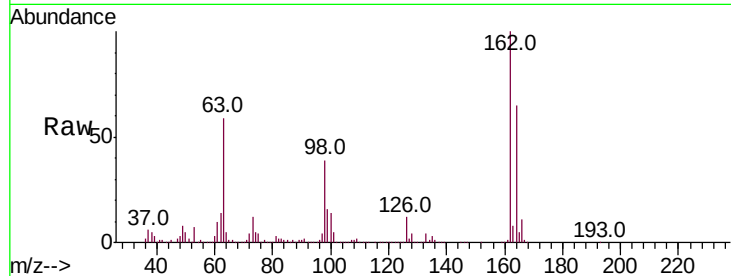
#29
2,4-Dichlorophenol
Concen: 44.344 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.4	84.4
98	39.2	20.3	60.3

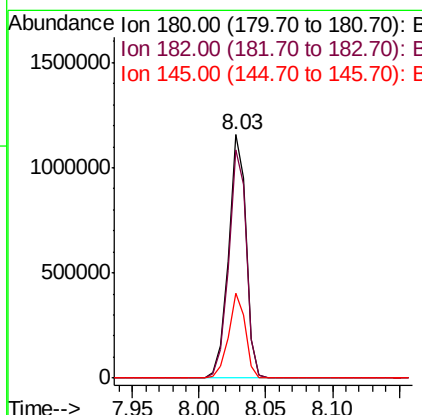
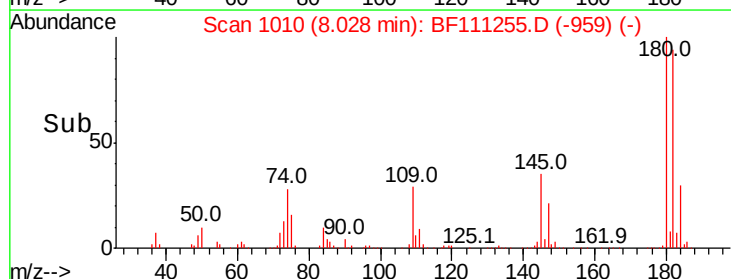
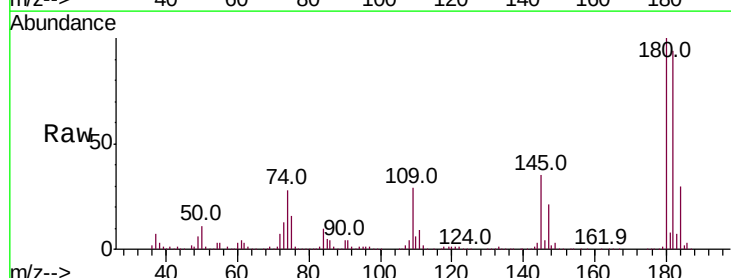
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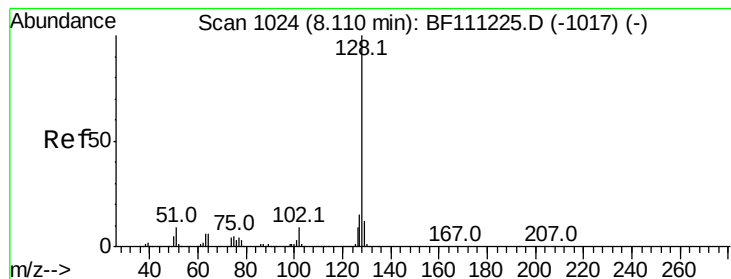
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.123 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.6	113.4
145	34.8	26.7	40.1





#31

Naphthalene

Concen: 45.720 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:128 Resp: 3650389

Ion Ratio Lower Upper

128 100

129 13.1 9.8 14.8

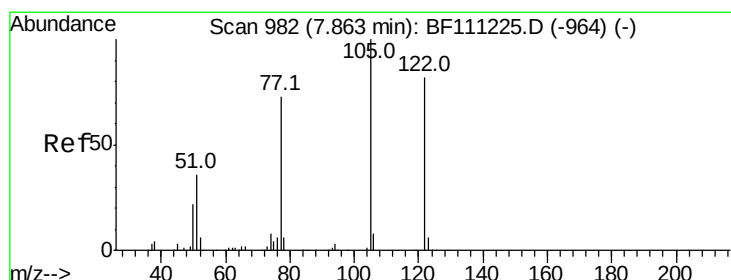
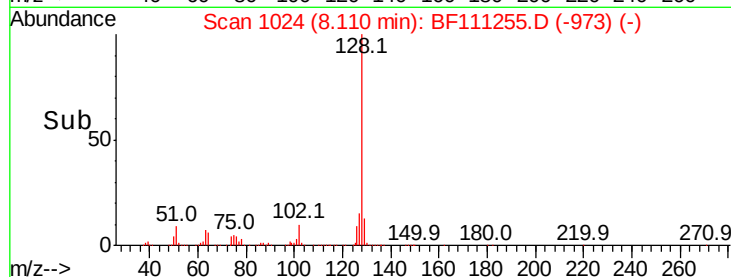
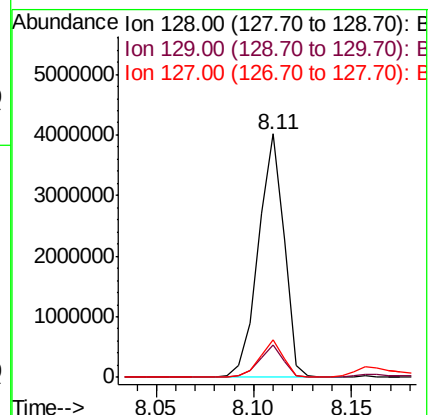
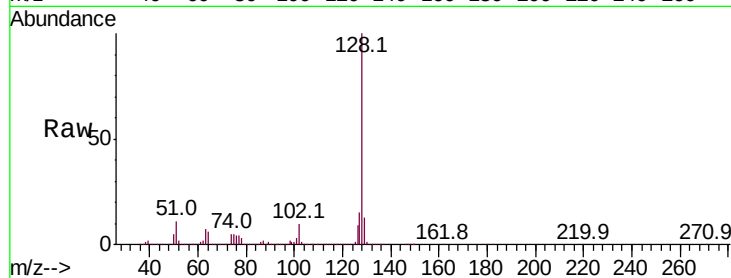
127 15.5 12.0 18.0

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#32

Benzoic acid

Concen: 24.566 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

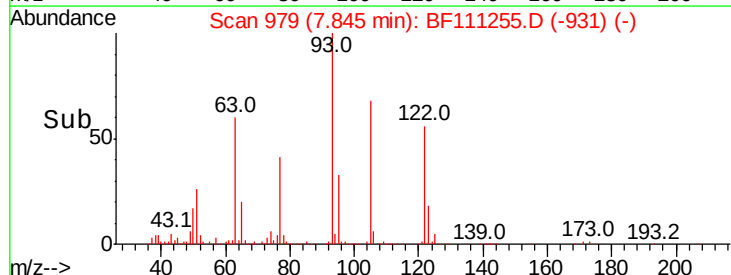
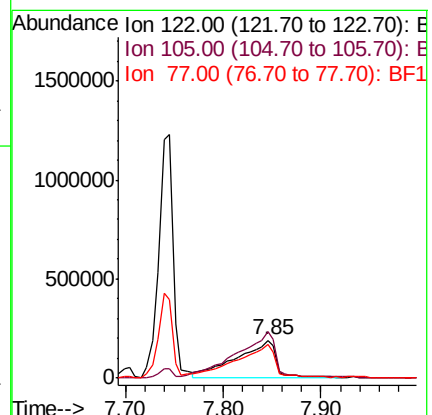
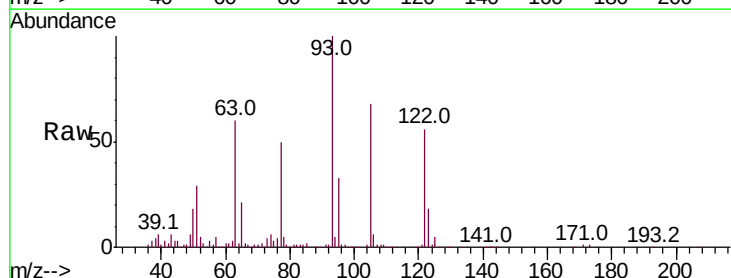
Tgt Ion:122 Resp: 529456

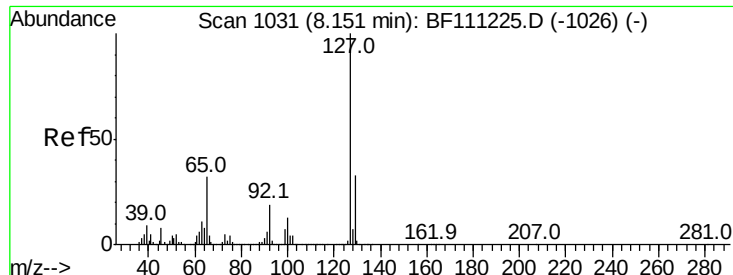
Ion Ratio Lower Upper

122 100

105 121.9 97.0 137.0

77 90.2 65.7 105.7





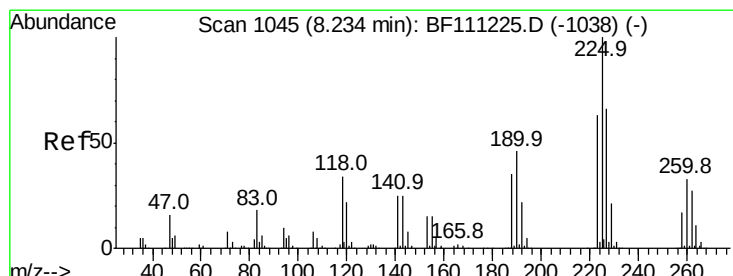
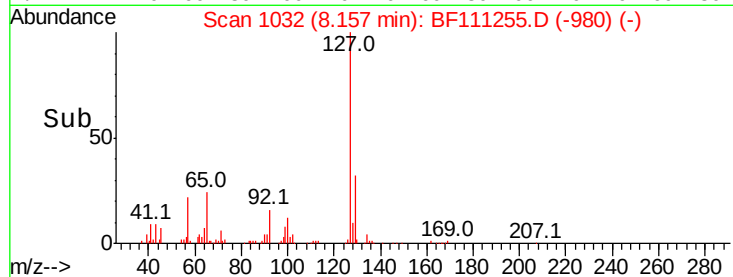
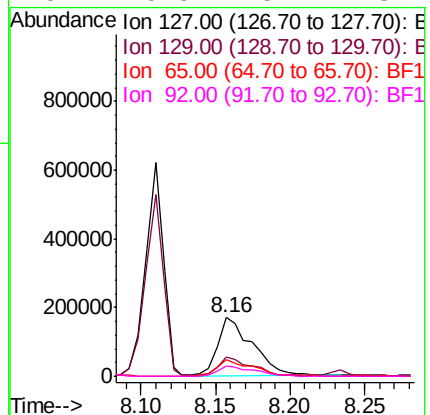
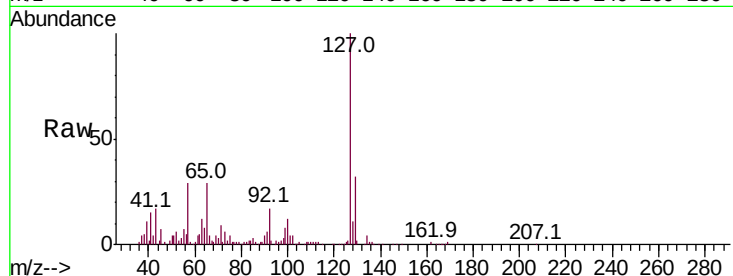
#33
4-Chloroaniline
Concen: 7.148 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	274110		
129	31.9	26.6	39.8	
65	29.4	25.7	38.5	
92	16.9	15.4	23.2	

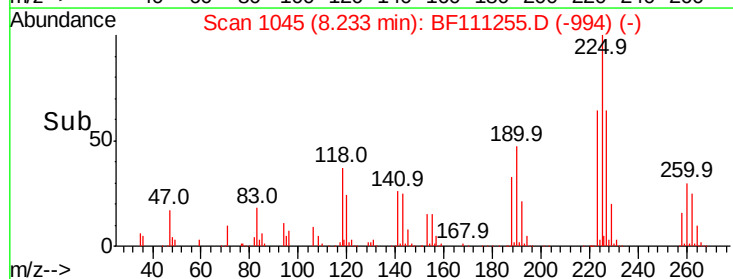
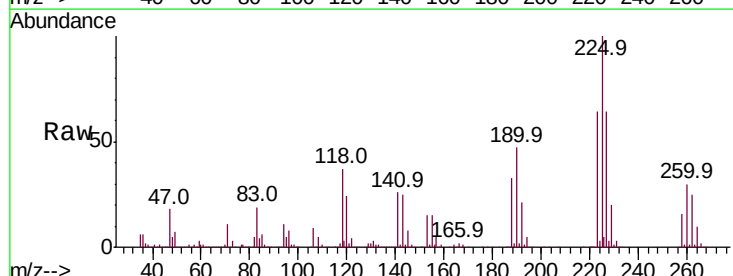
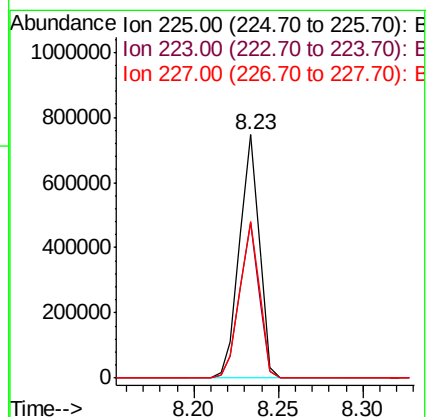
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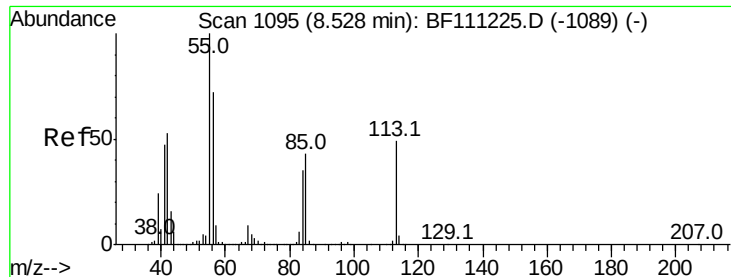
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#34
Hexachlorobutadiene
Concen: 42.063 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	609493		
223	64.0	50.7	76.1	
227	64.2	52.6	78.8	





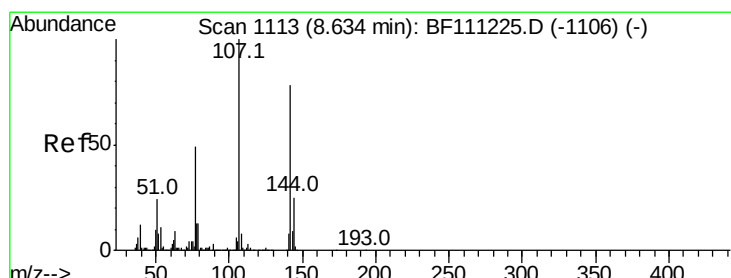
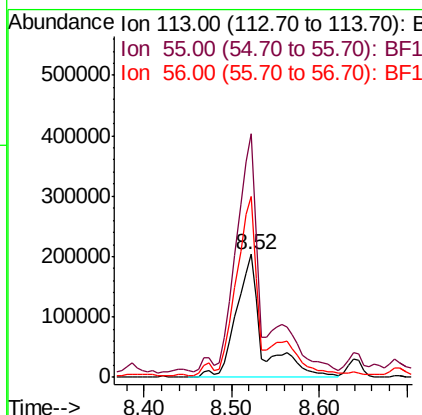
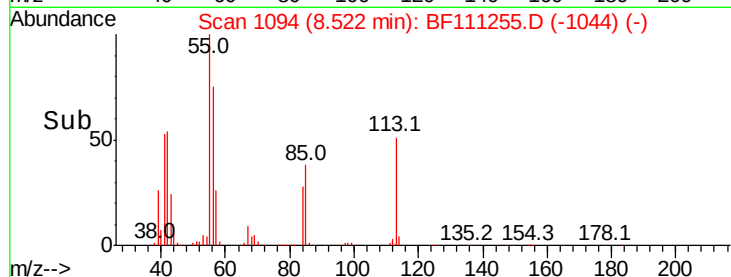
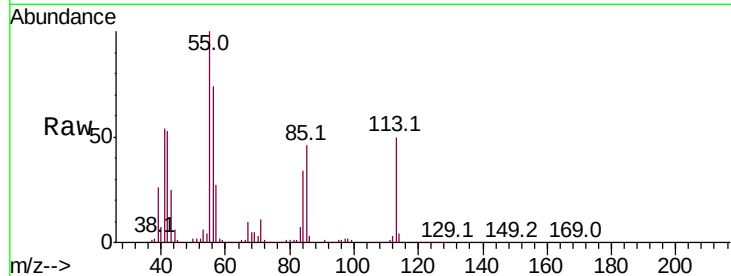
#35
Caprolactam
Concen: 44.352 ng/ml
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	198.1	184.1	224.1
56	147.1	126.0	166.0

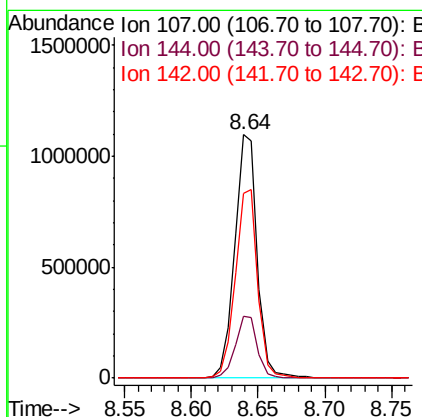
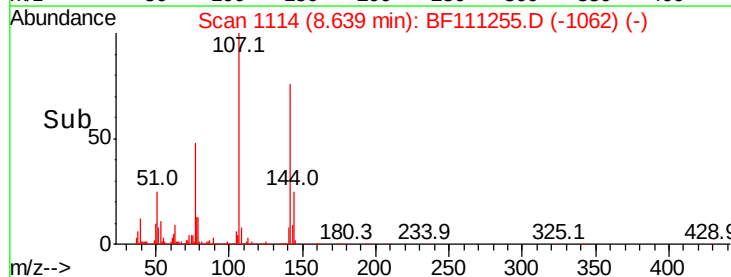
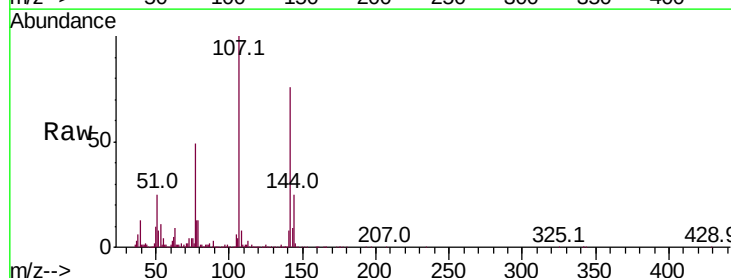
Manual Integrations
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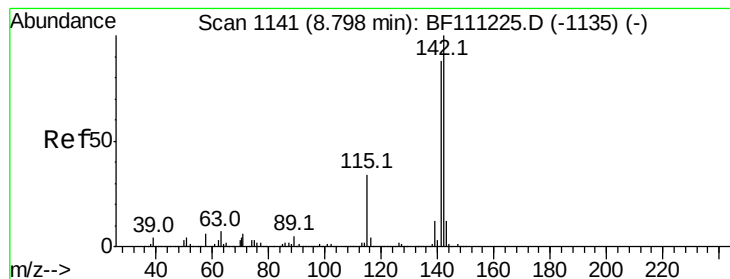
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 47.321 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.8	29.6
142	76.0	62.3	93.5





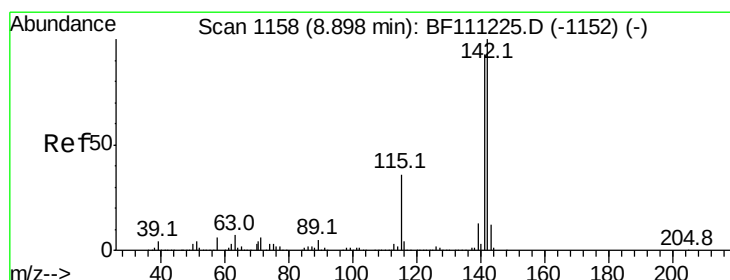
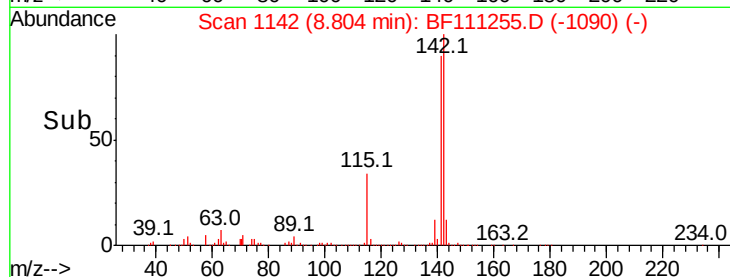
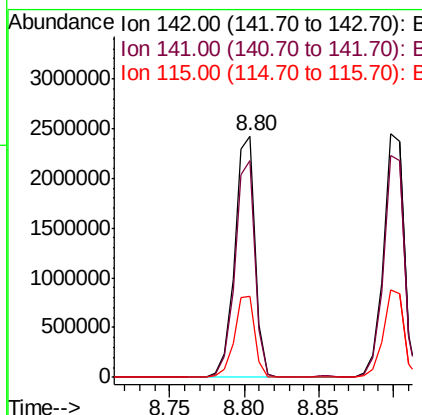
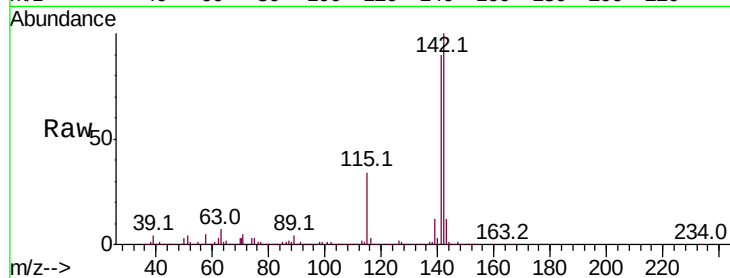
#37
2-Methylnaphthalene
Concen: 43.772 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.6	105.8
115	33.6	27.0	40.6

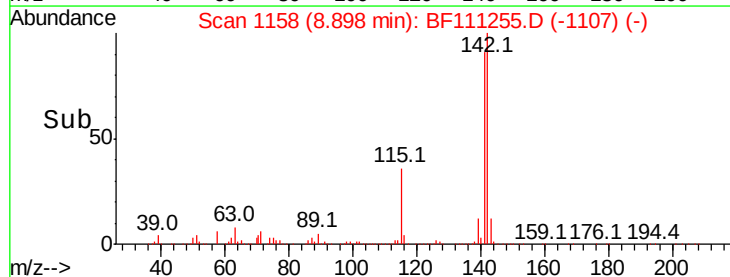
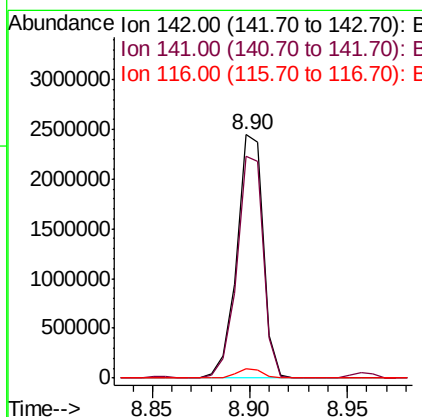
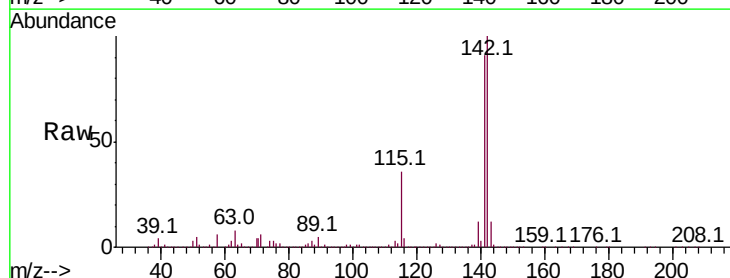
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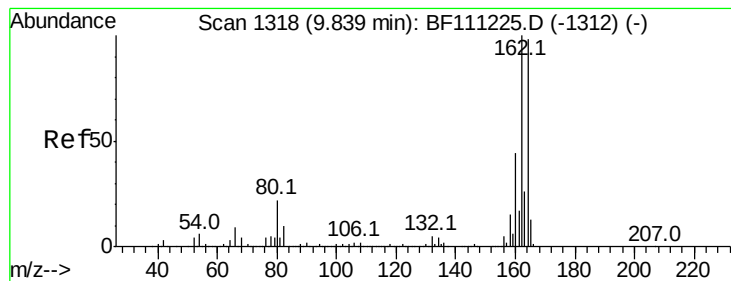
Sohil
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#38
1-Methylnaphthalene
Concen: 44.133 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.2	111.4
116	3.9	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

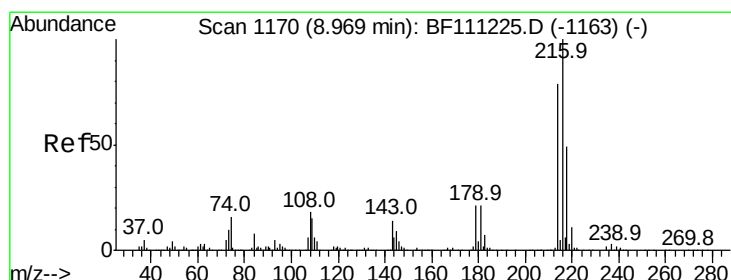
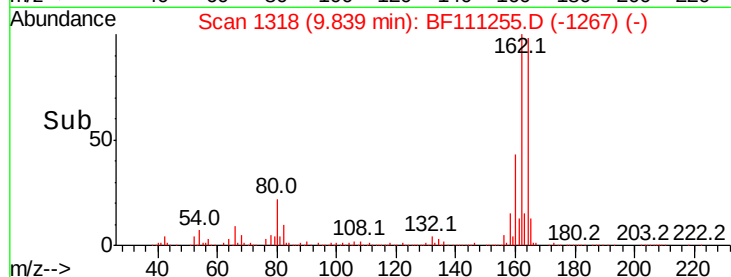
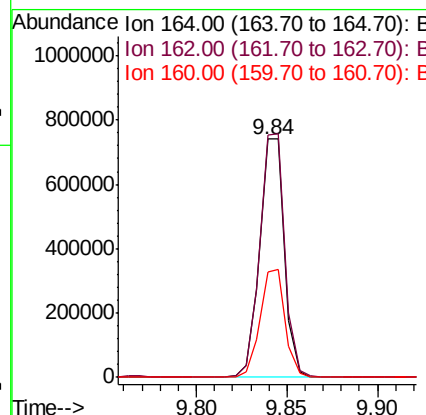
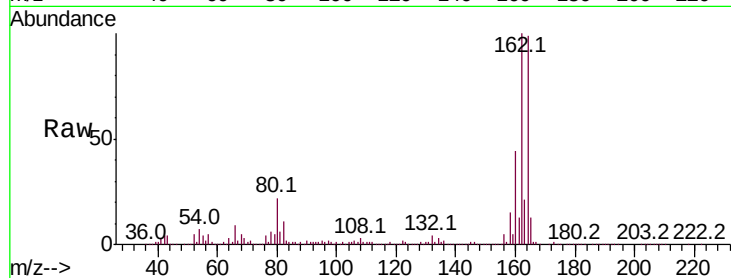
ClientSampleId :

AU-7-120618MSD

Tot Ion:	164	Resp:	701867
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.4	122.0
160	44.2	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.483 ng

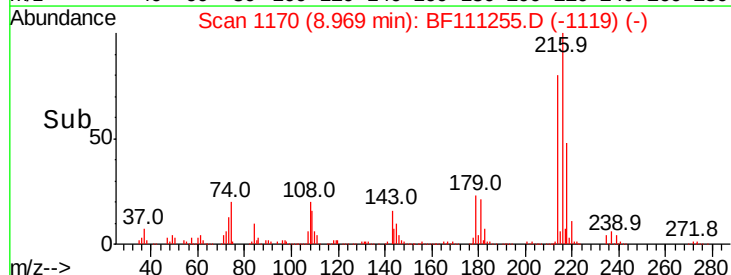
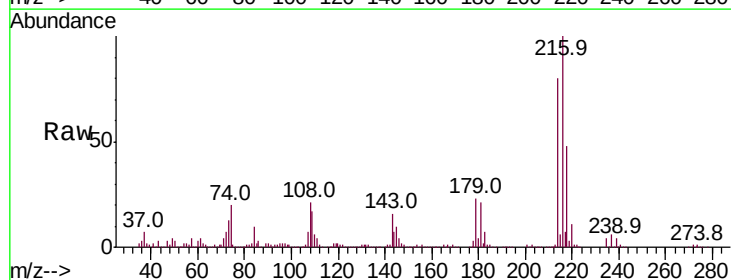
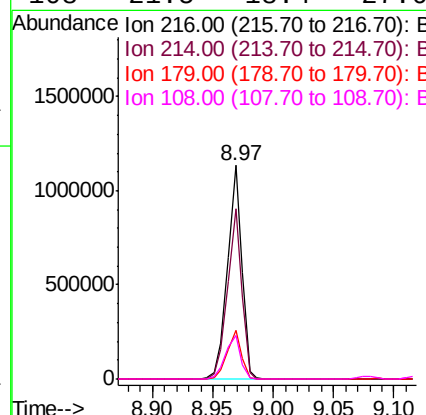
RT: 8.97 min Scan# 1170

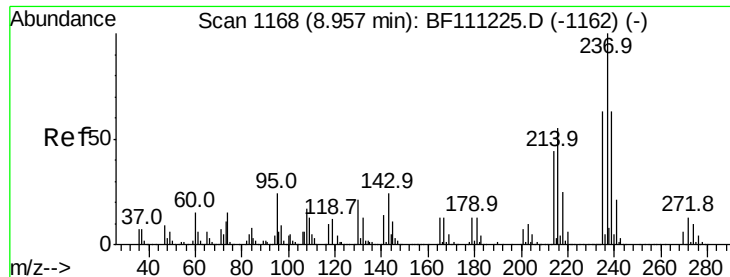
Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	216	Resp:	927332
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.8
179	22.9	17.9	26.9
108	21.5	18.4	27.6





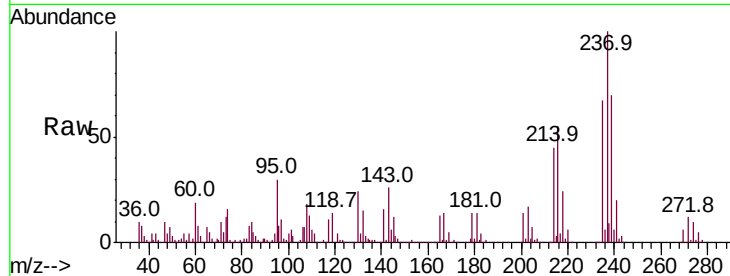
#41
Hexachlorocyclopentadiene
Concen: 28.625 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

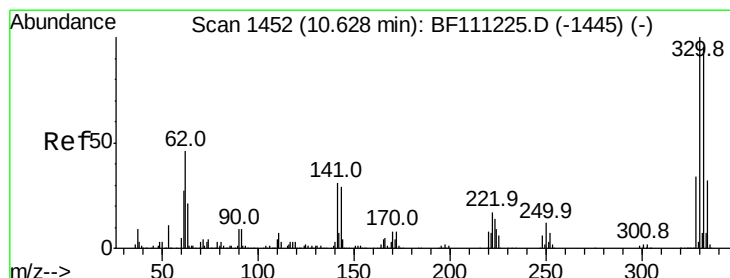
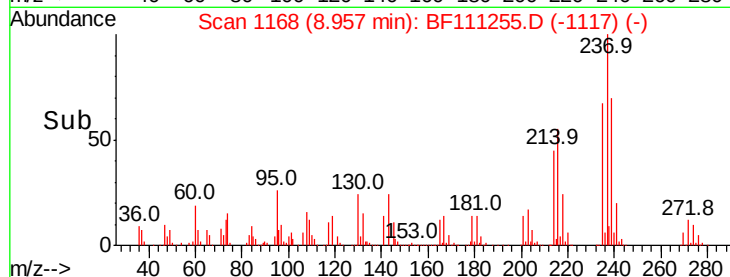
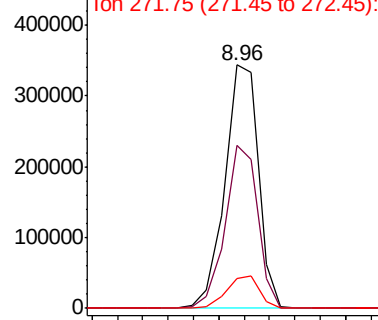
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	66.7	43.1	83.1
272	12.5	0.0	33.0

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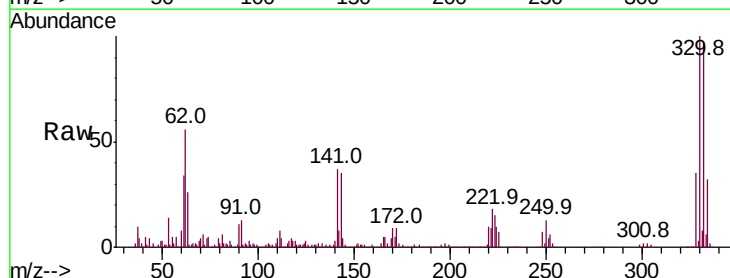


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

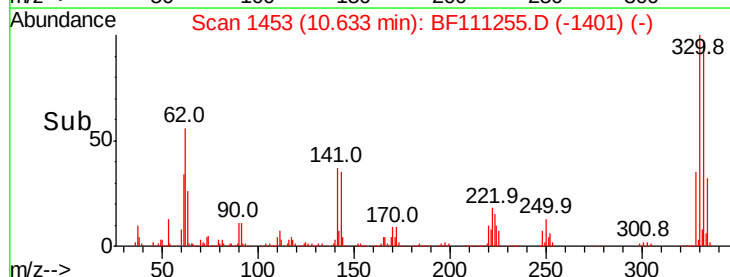
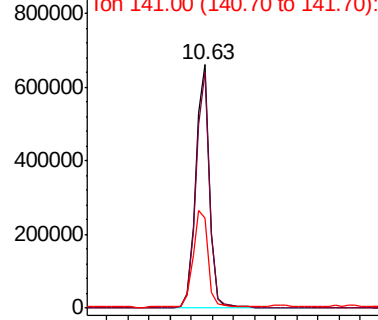


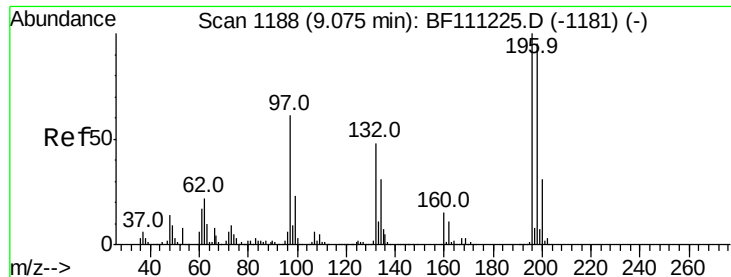
#42
2,4,6-Tribromophenol
Concen: 97.863 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	76.0	114.0
141	42.3	31.0	46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





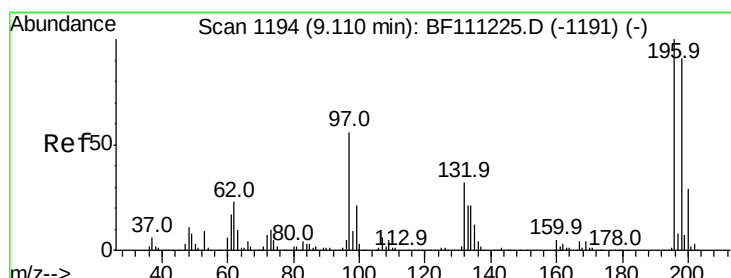
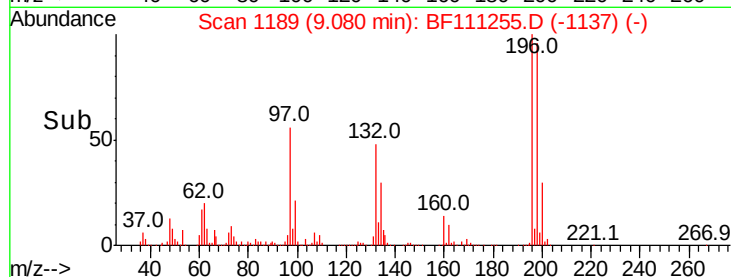
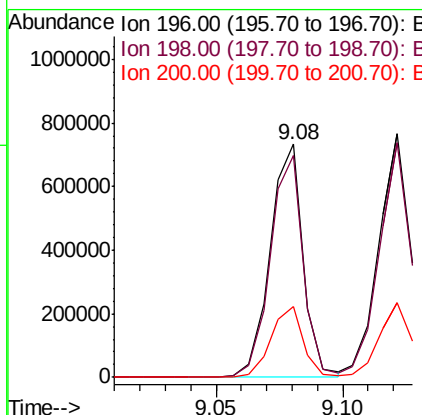
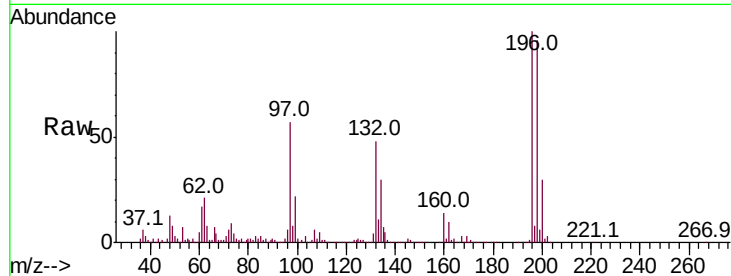
#43
 2,4,6-Trichlorophenol
 Concen: 45.592 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111255.D
 Acq: 10 Dec 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MSD

Tot Ion:	196	Resp:	668355
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.3	114.5
200	30.4	24.9	37.3

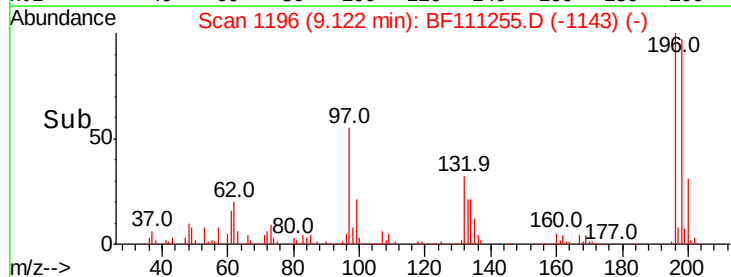
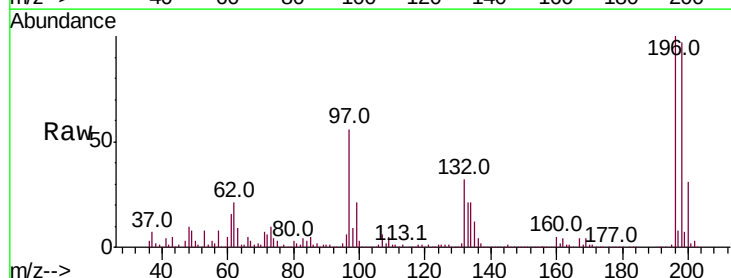
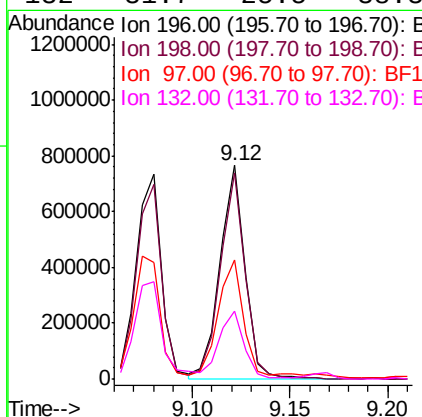
Manual Integrations
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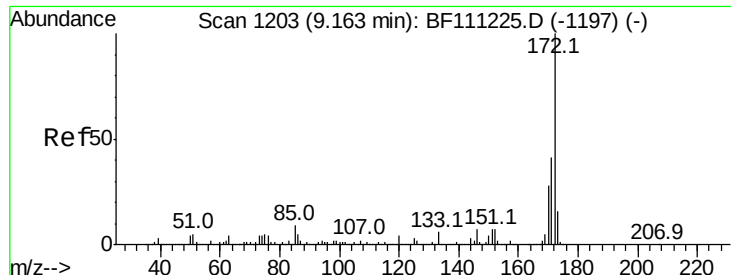
Sohil
 12/11/2018 2:23:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.443 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111255.D
 Acq: 10 Dec 2018 21:14

Tgt Ion:	196	Resp:	678701
Ion Ratio	Lower	Upper	
196	100		
198	96.5	72.9	109.3
97	55.6	45.3	67.9
132	31.7	25.5	38.3





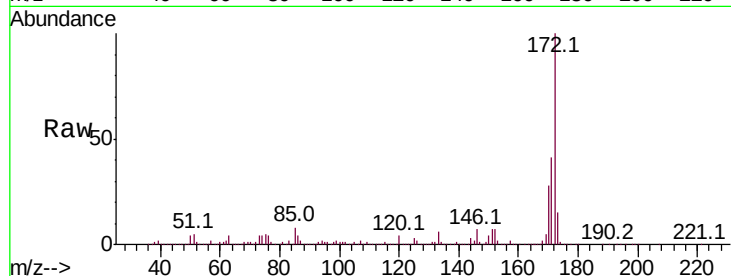
#45
2-Fluorobiphenyl
Concen: 115.918 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

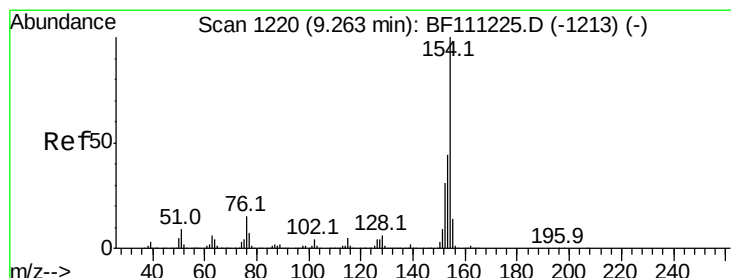
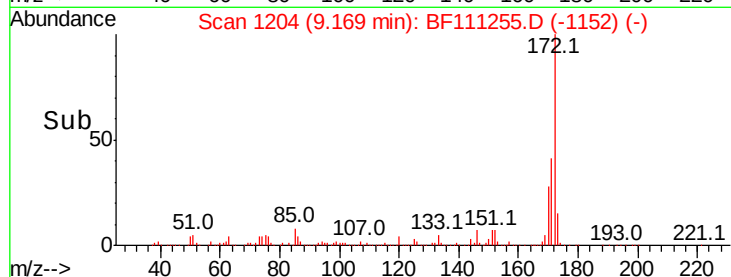
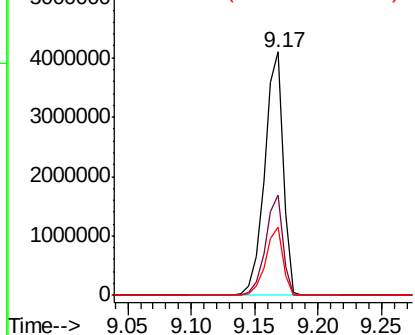
Tot Ion:172 Resp: 4188906
Ion Ratio Lower Upper
172 100
171 41.2 33.0 49.4
170 27.9 22.3 33.5

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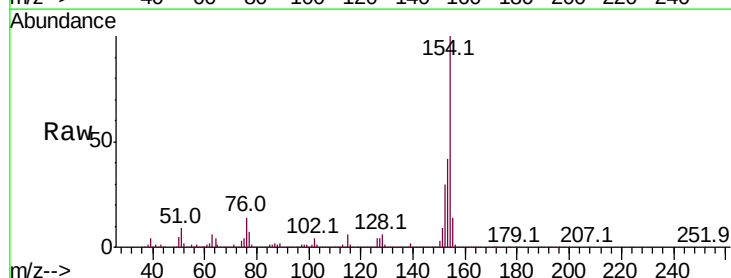


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

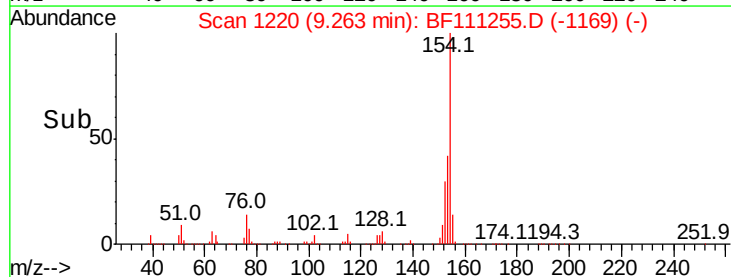
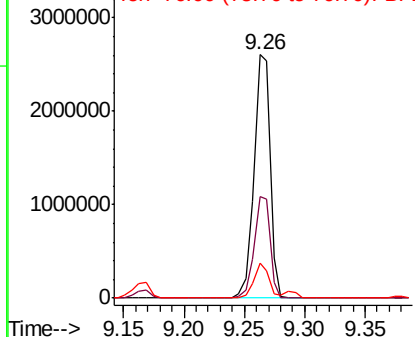


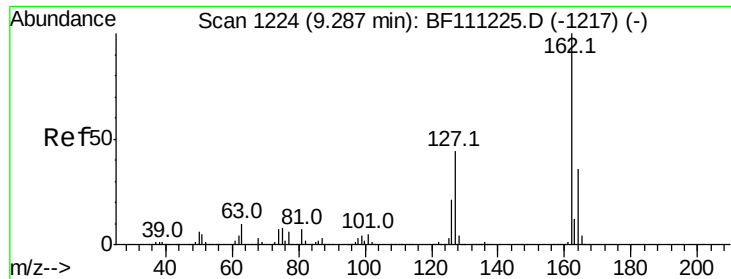
#46
1,1'-Biphenyl
Concen: 43.650 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion:154 Resp: 2436043
Ion Ratio Lower Upper
154 100
153 41.7 23.7 63.7
76 14.3 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





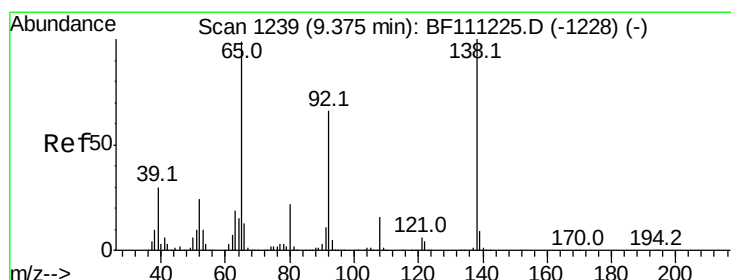
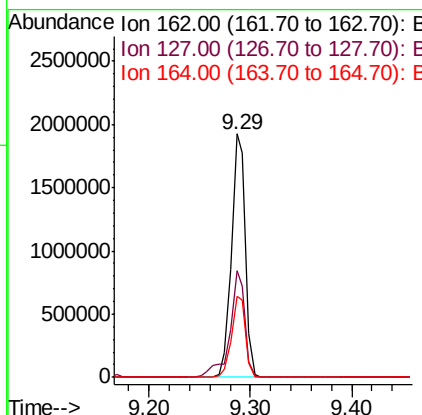
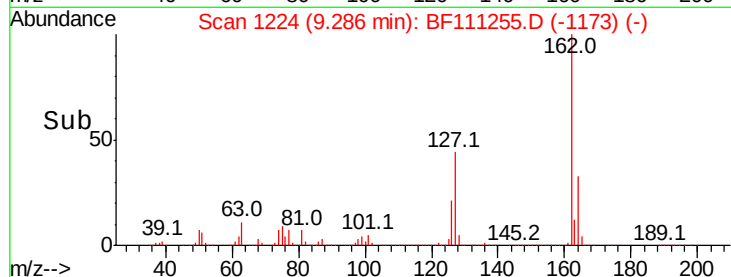
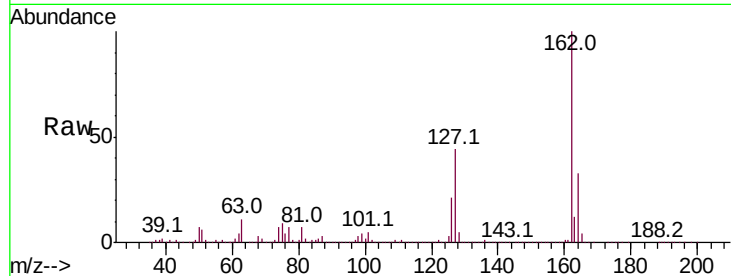
#47
 2-Chloronaphthalene
 Concen: 39.784 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111255.D
 Acq: 10 Dec 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MSD

Tot Ion:	162	Resp:	1827078
Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.0	52.4
164	33.4	28.4	42.6

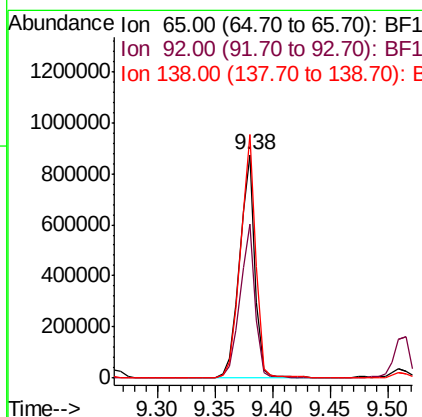
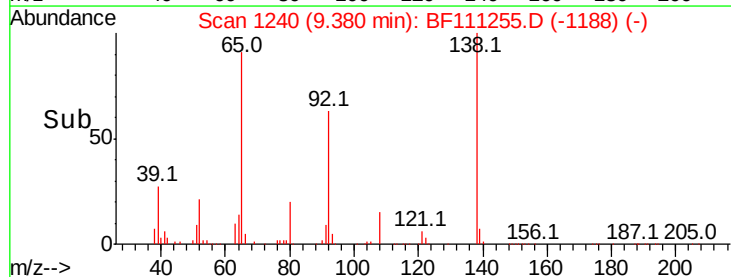
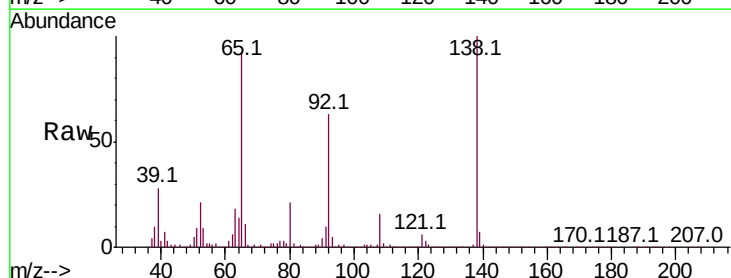
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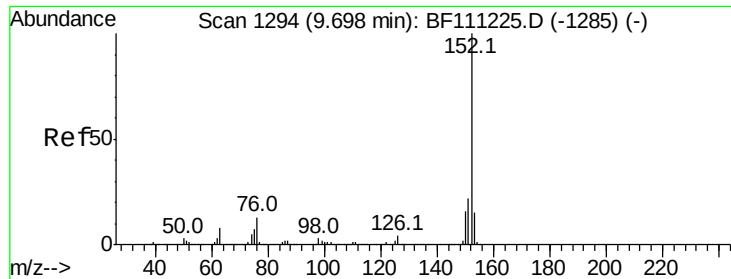
Sohil
 12/11/2018 2:23:38 PM



#48
 2-Nitroaniline
 Concen: 51.461 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111255.D
 Acq: 10 Dec 2018 21:14

Tgt Ion:	65	Resp:	806186
Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.5	80.3
138	109.0	80.9	121.3





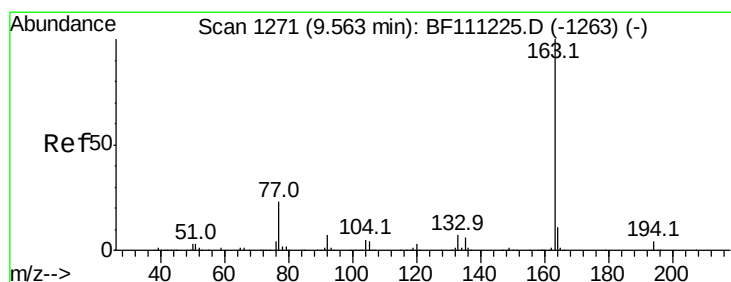
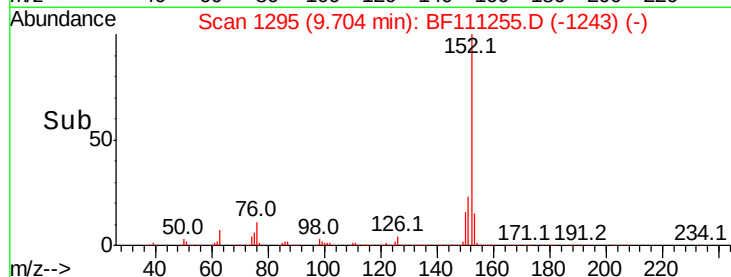
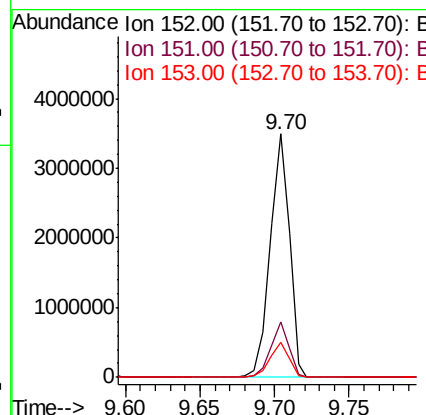
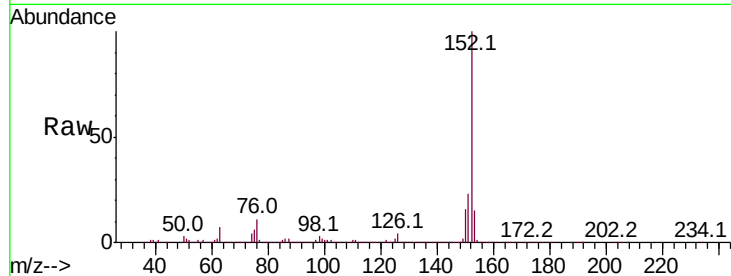
#49
Acenaphthylene
Concen: 46.351 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.0	27.0
153	14.5	12.3	18.5

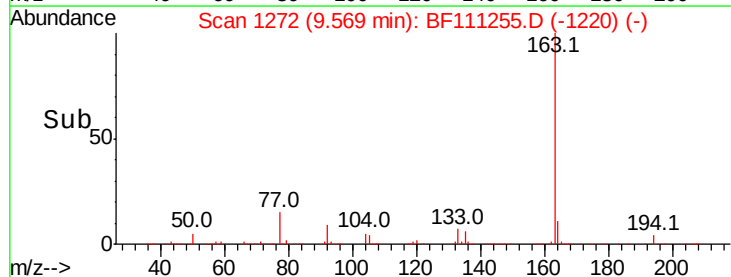
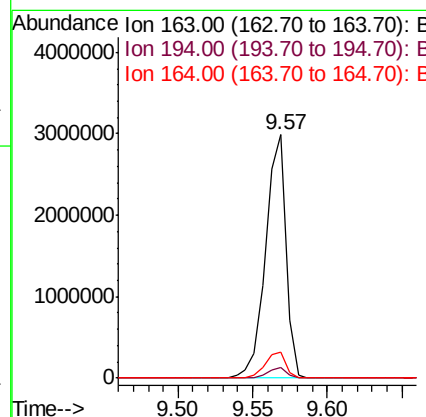
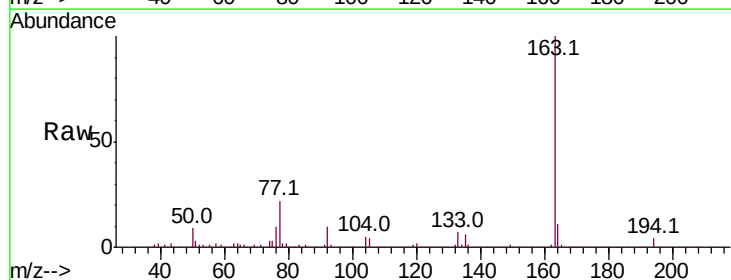
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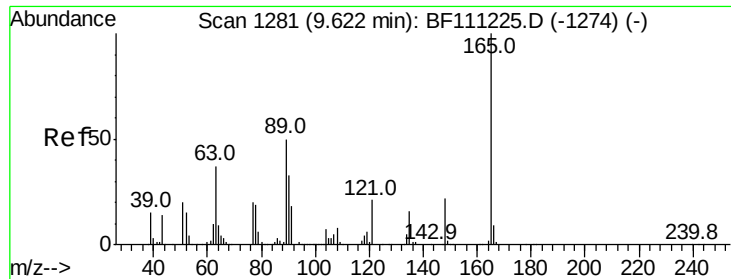
Sohil
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#50
Dimethylphthalate
Concen: 53.814 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.7	8.9	13.3





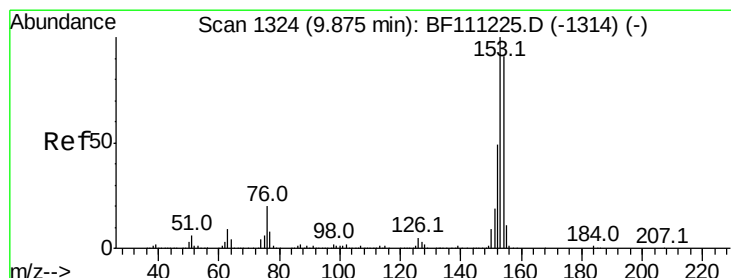
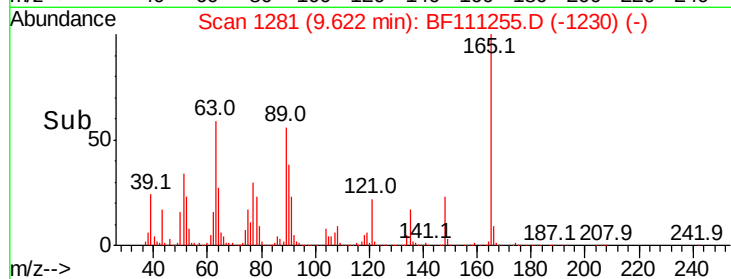
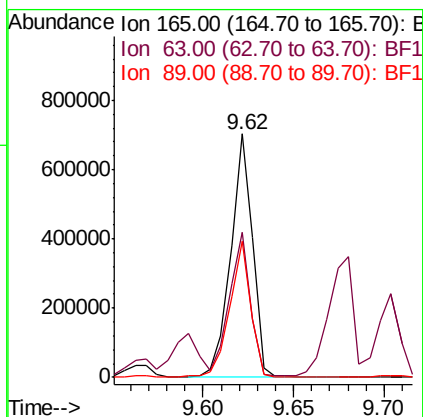
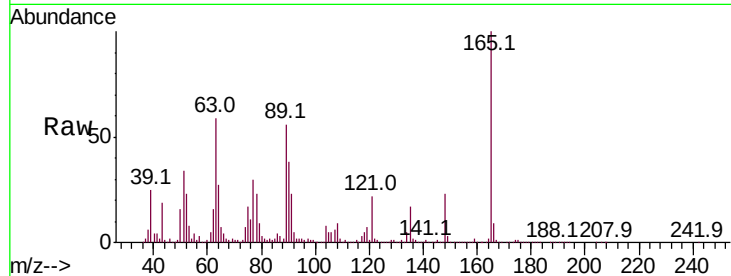
#51
2,6-Dinitrotoluene
Concen: 51.406 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	587917		
63	59.5		40.5	60.7
89	55.6		40.0	60.0

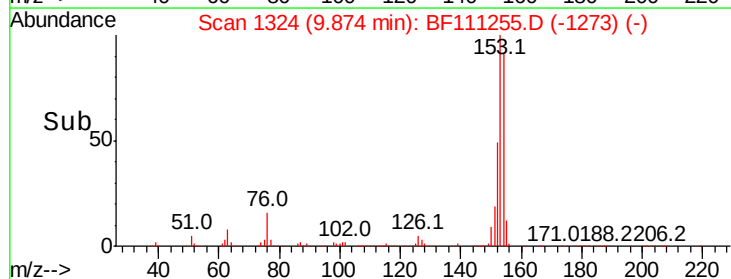
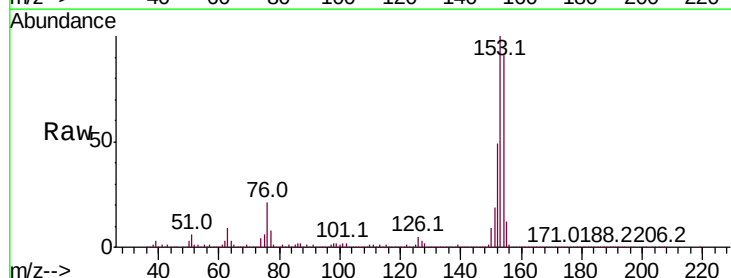
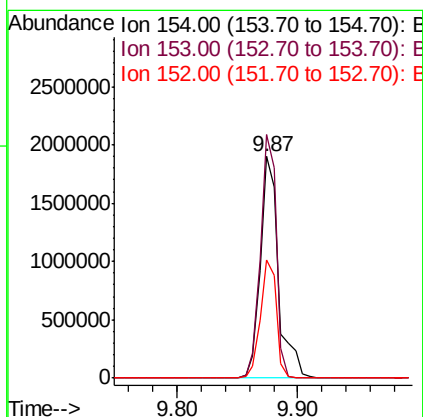
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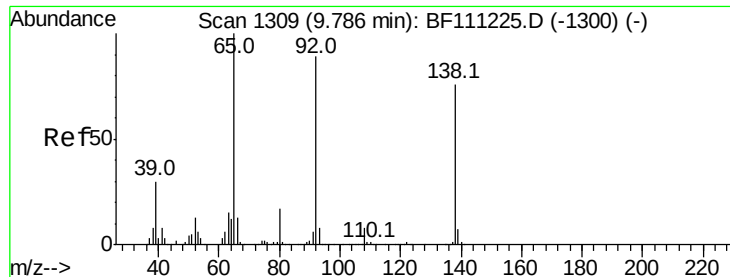
Sohil
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#52
Acenaphthene
Concen: 47.787 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1999346		
153	109.9		87.8	131.8
152	53.5		43.4	65.2





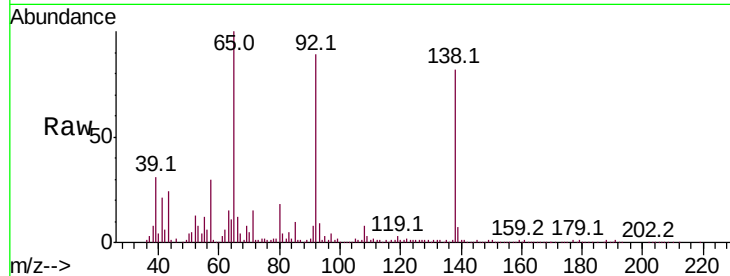
#53
3-Nitroaniline
Concen: 17.826 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	109.2	93.4	140.2

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12/11/2018 2:23:38 PM

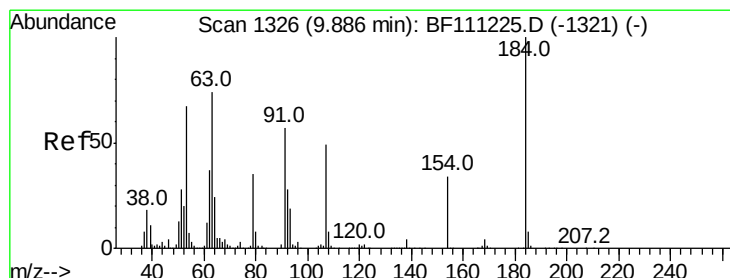
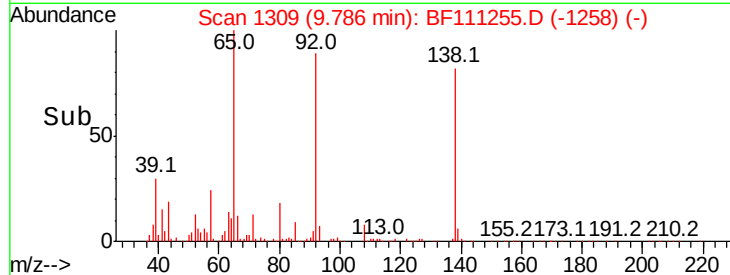
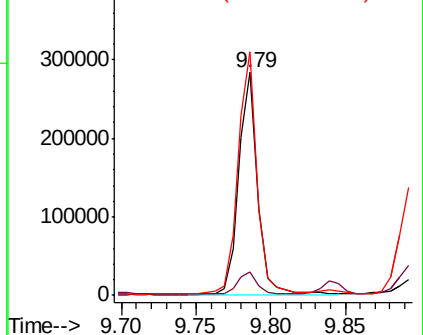


Abundance

Ion 138.00 (137.70 to 138.70): E

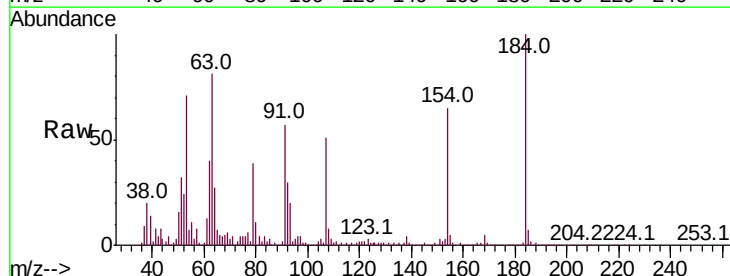
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 96.478 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.6	62.3	93.5
154	65.1	56.2	84.2

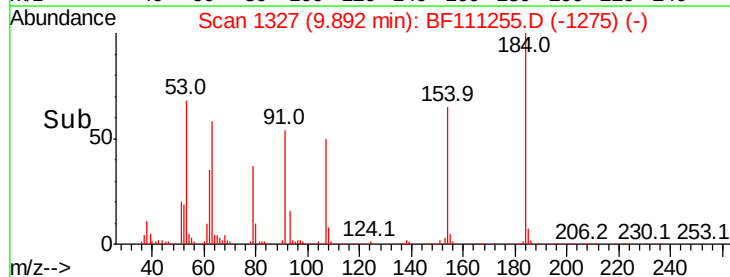
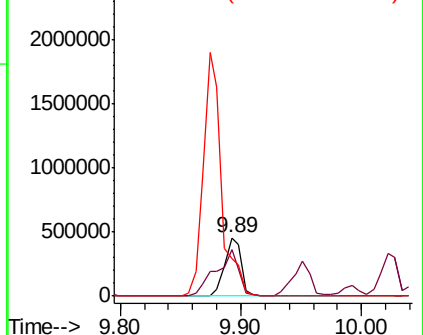


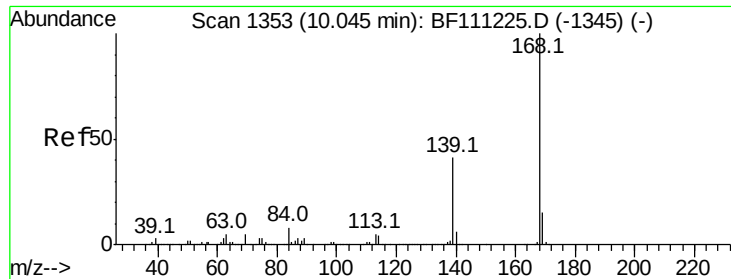
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





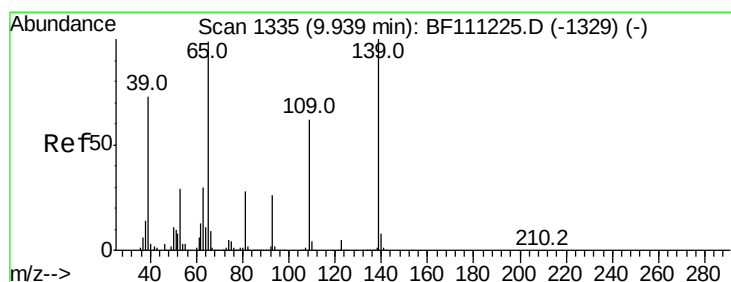
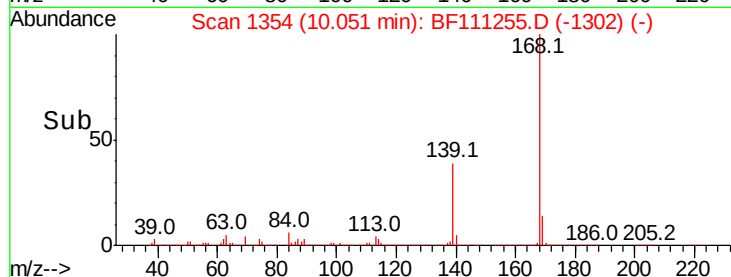
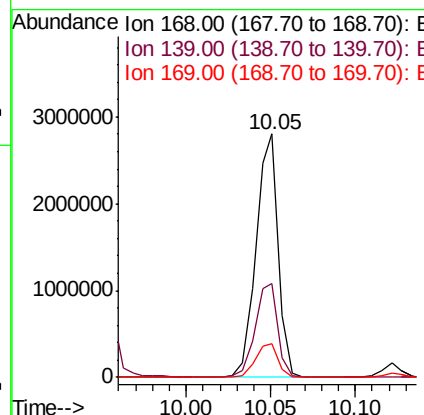
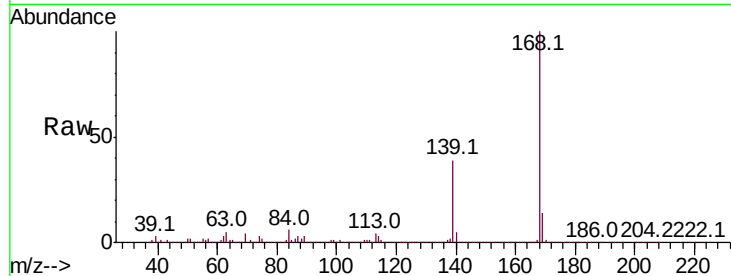
#55
Dibenzofuran
Concen: 44.956 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.6	49.0
169	14.1	11.8	17.6

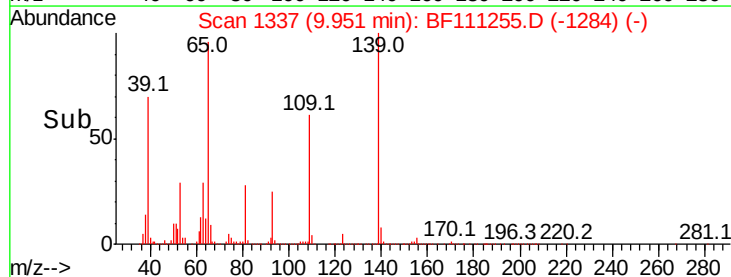
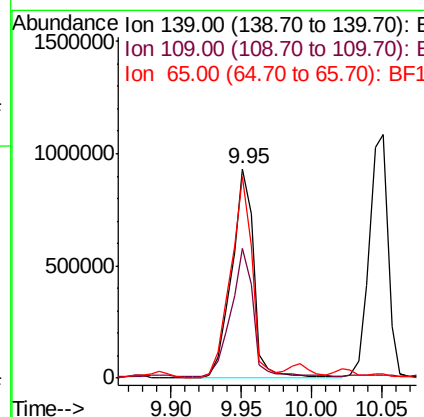
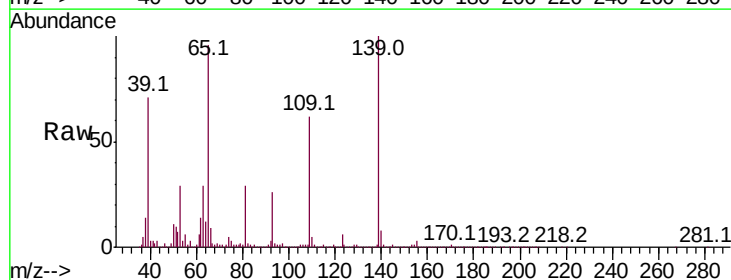
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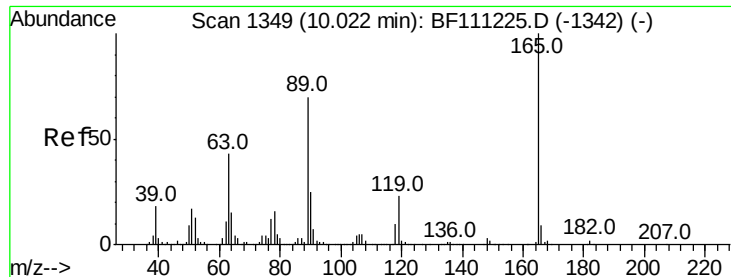
Sohil
12/11/2018 2:23:38 PM



#56
4-Nitrophenol
Concen: 91.591 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	41.8	81.8
65	96.0	79.6	119.6





#57

2,4-Dinitrotoluene

Concen: 49.458 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:165 Resp: 697307

Ion Ratio Lower Upper

165 100

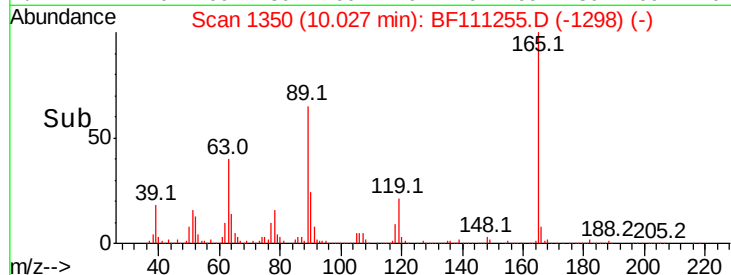
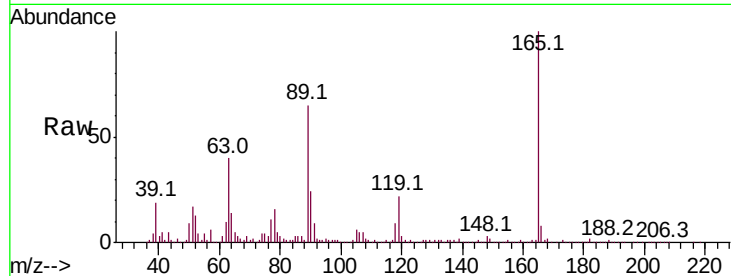
63 40.2 34.6 52.0

89 65.1 56.2 84.4

182 2.4 1.8 2.6

Manual Integrations
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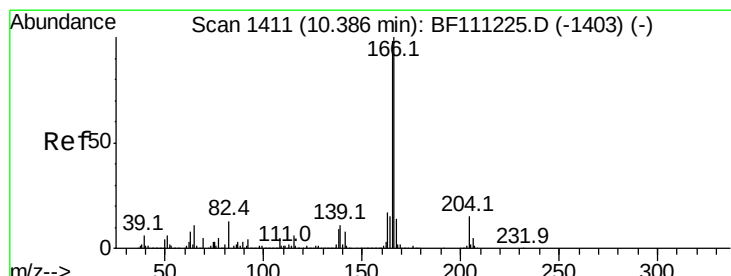
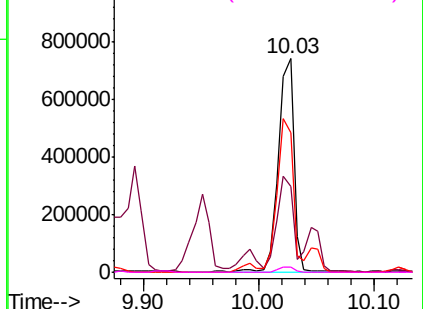


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.296 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

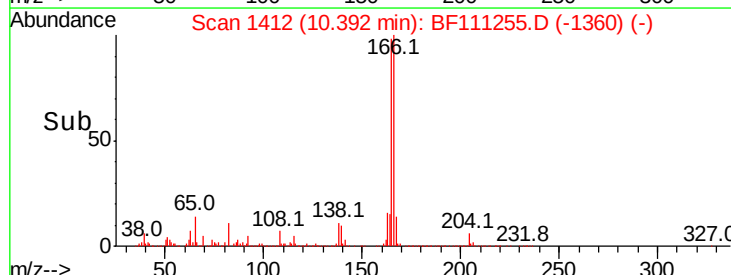
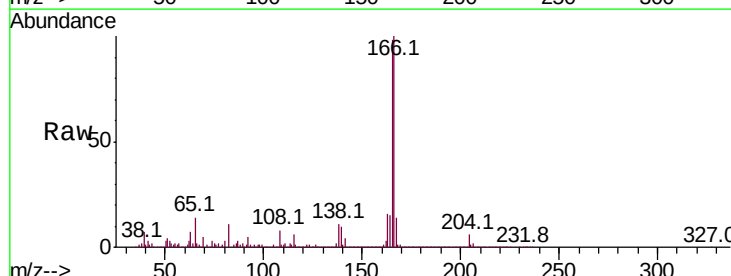
Tgt Ion:166 Resp: 1730820

Ion Ratio Lower Upper

166 100

165 98.1 78.4 117.6

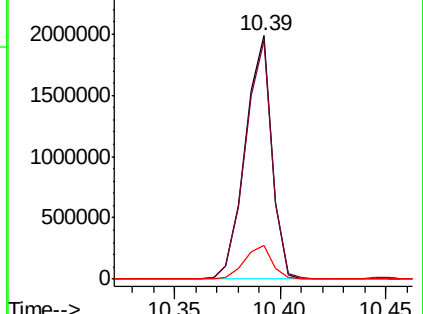
167 13.9 11.2 16.8

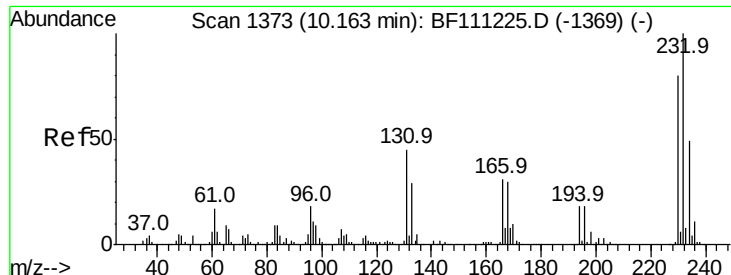


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





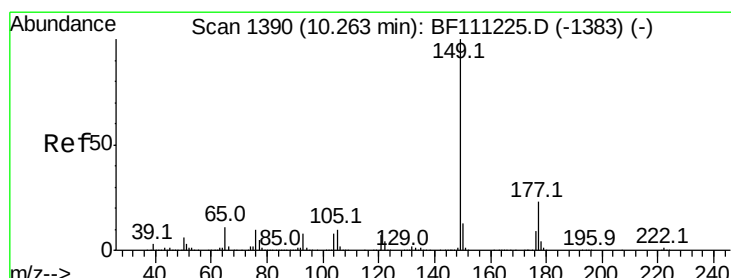
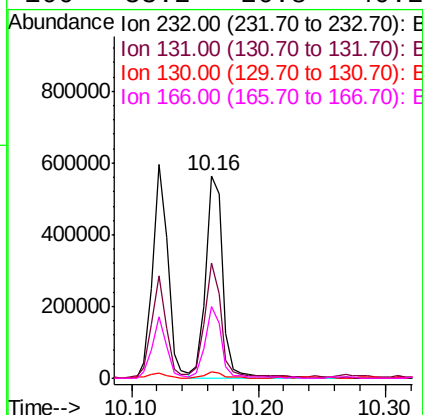
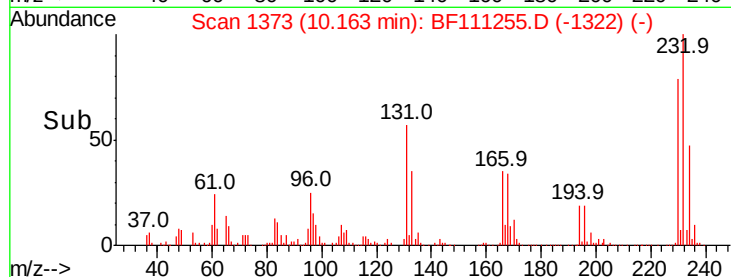
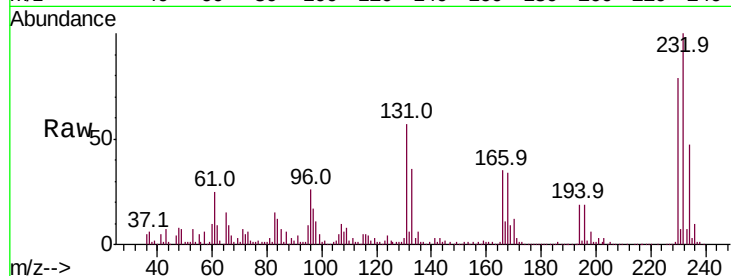
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.839 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	40.9	61.3
130	2.7	2.0	3.0
166	33.2	26.8	40.2

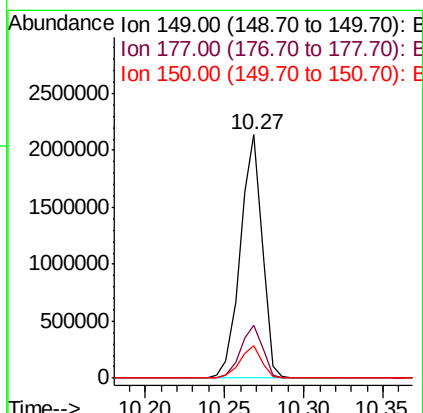
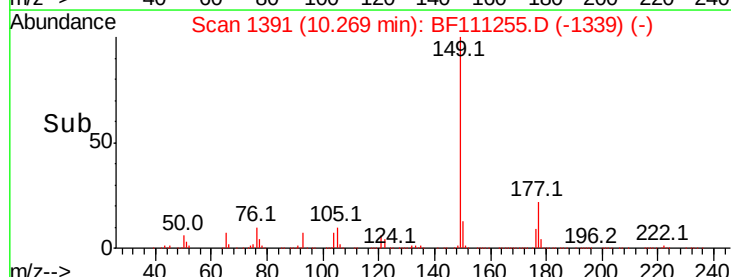
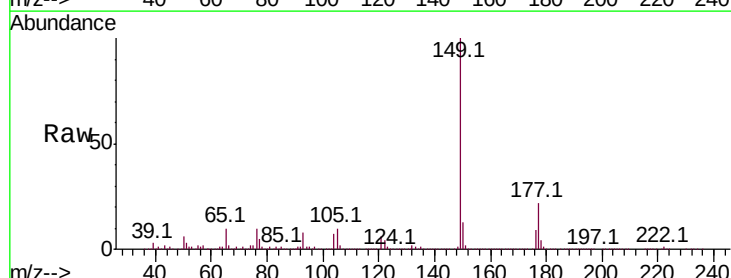
Manual Integrations
APPROVED

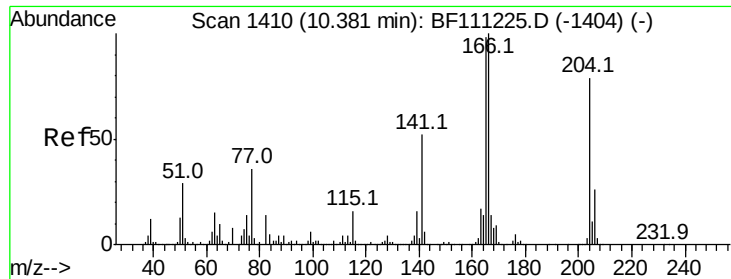
Sohil
12/11/2018 2:23:38 PM



#60
Diethylphthalate
Concen: 41.079 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	13.2	10.6	15.8





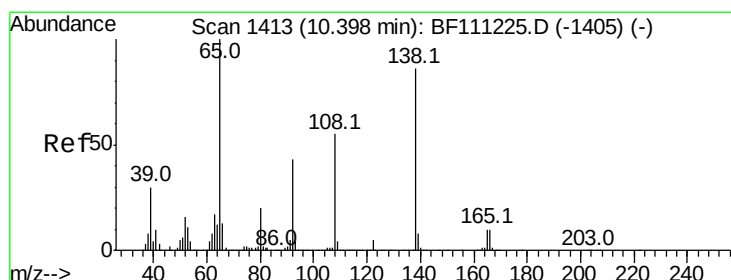
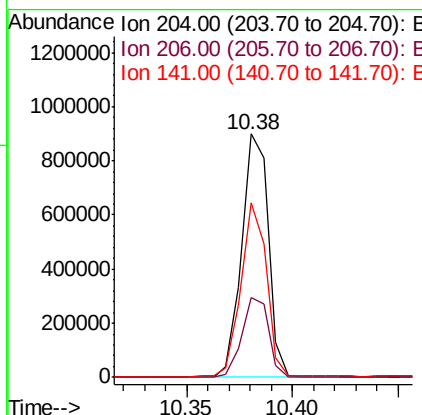
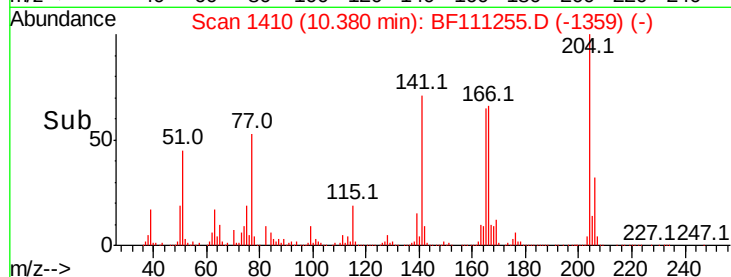
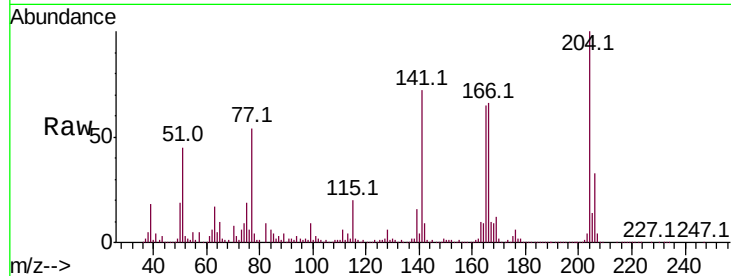
#61
4-Chlorophenyl-phenylether
Concen: 35.812 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	71.5	52.6	78.8

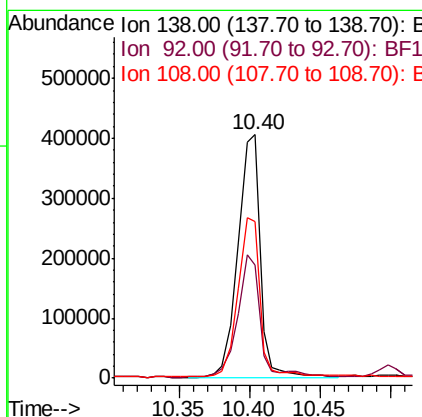
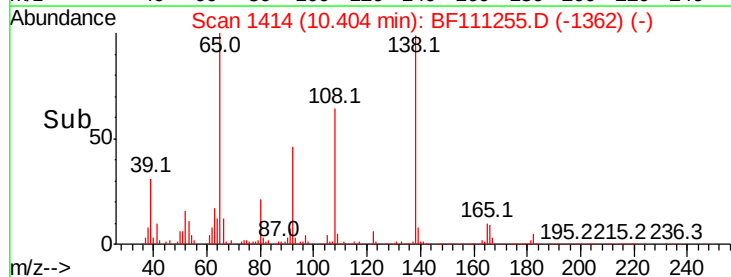
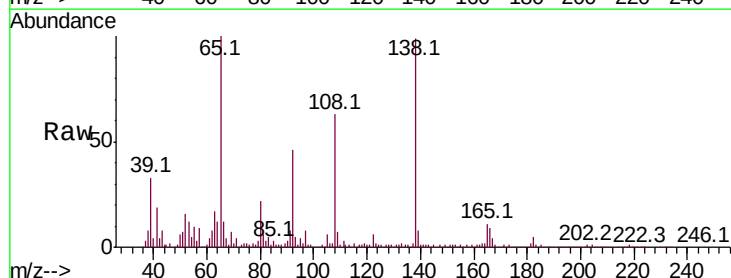
Manual Integrations
APPROVED

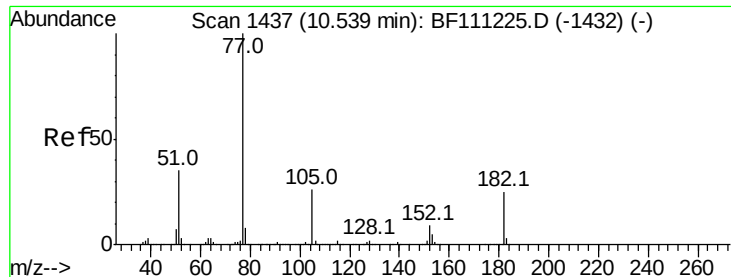
Sohil
12/11/2018 2:23:38 PM



#62
4-Nitroaniline
Concen: 33.615 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	29.9	69.9
108	64.4	43.2	83.2





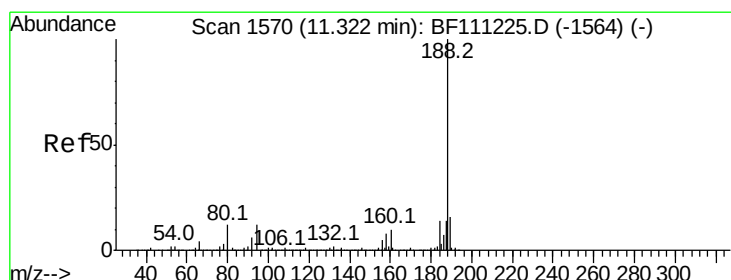
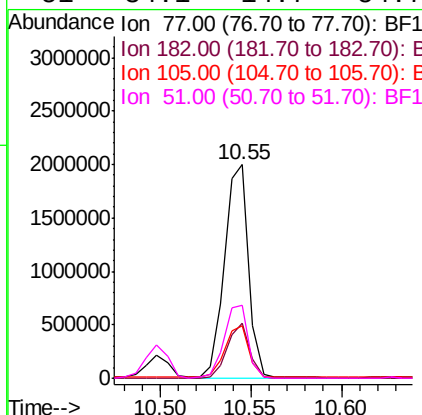
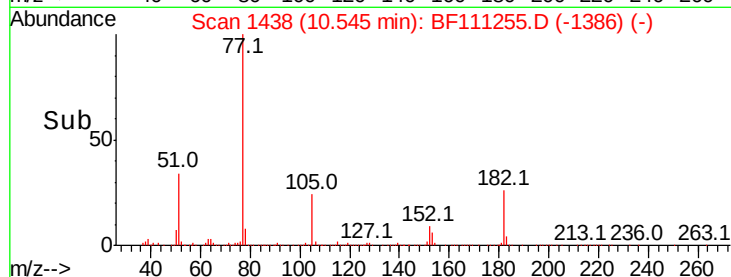
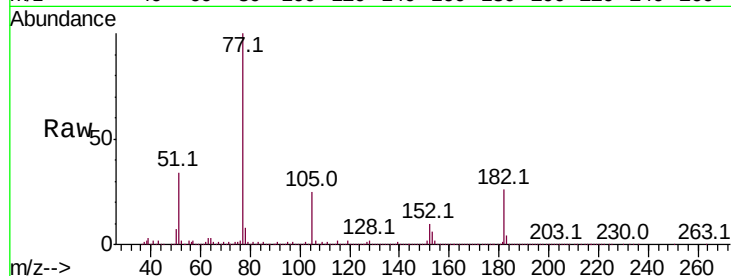
#63
Azobenzene
Concen: 35.693 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.9	44.9
105	24.8	6.0	46.0
51	34.1	14.7	54.7

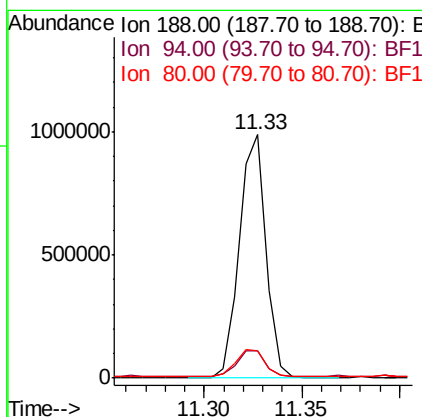
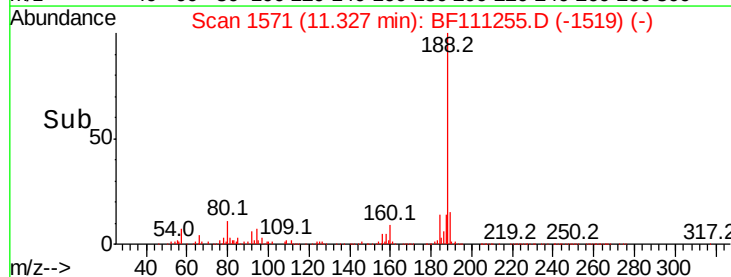
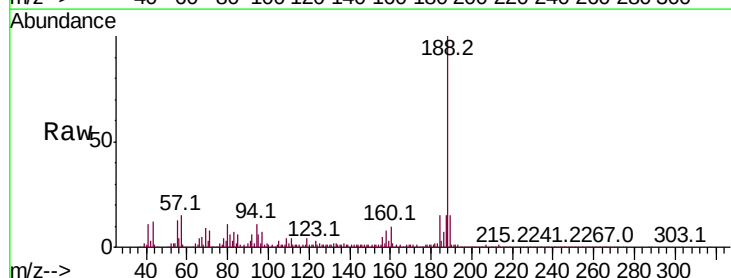
Manual Integrations
APPROVED

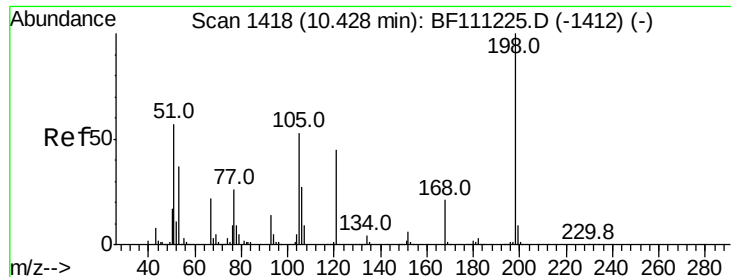
Sohil
12/11/2018 2:23:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.6	14.4
80	11.4	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.027 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:198 Resp: 247081

Ion Ratio Lower Upper

198 100

51 53.9 48.0 88.0

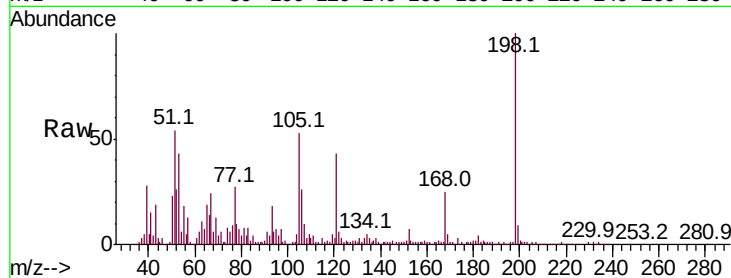
105 52.5 34.0 74.0

Manual Integrations

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Sohil

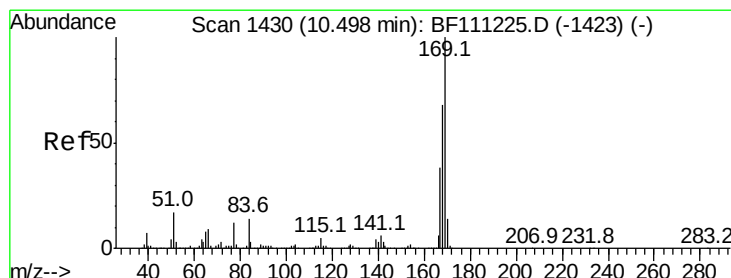
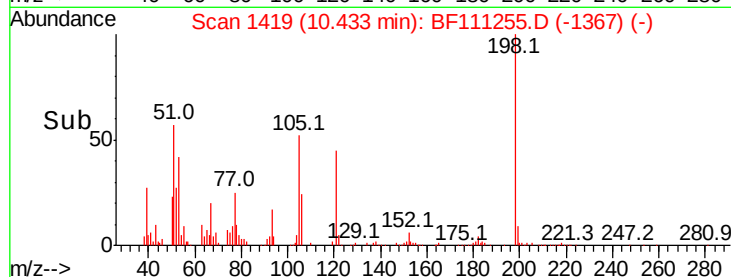
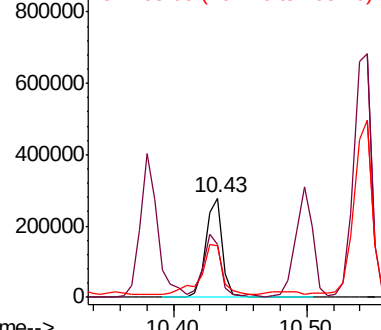
12/11/2018 2:23:38 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.628 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

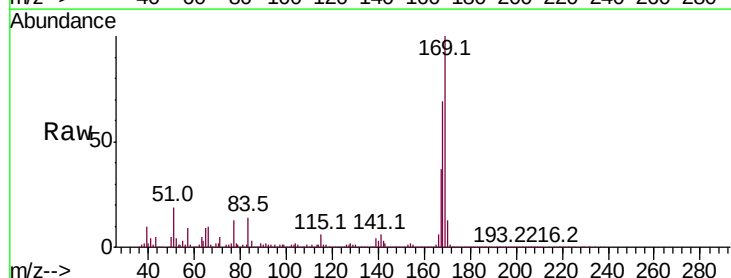
Tgt Ion:169 Resp: 1568095

Ion Ratio Lower Upper

169 100

168 68.6 54.4 81.6

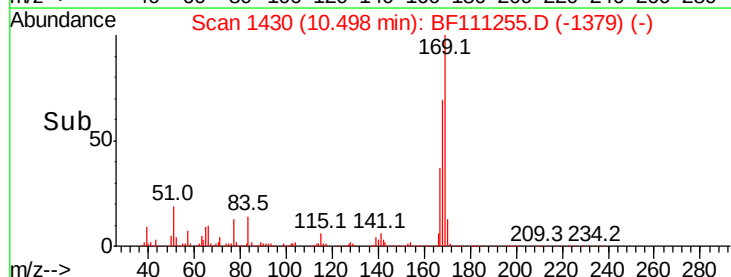
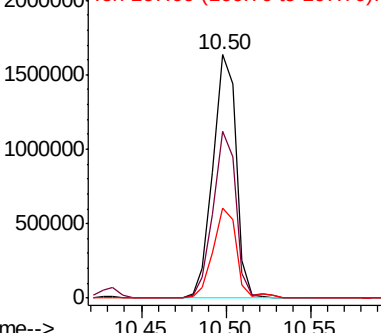
167 37.0 30.5 45.7

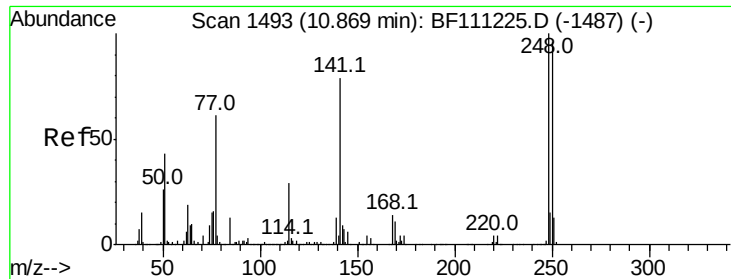


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





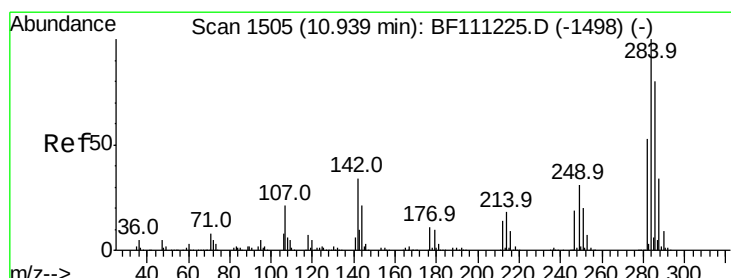
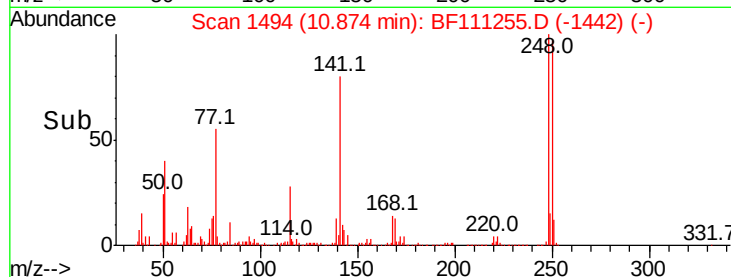
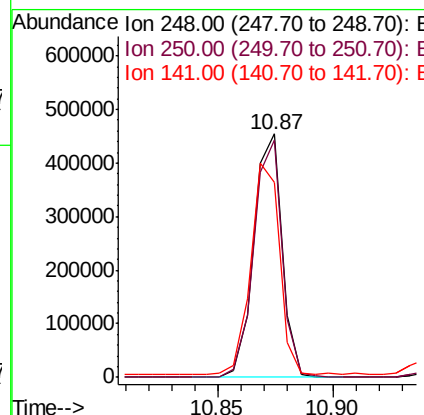
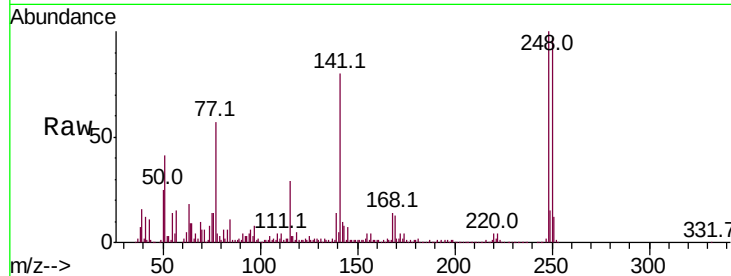
#67
4-Bromophenyl-phenylether
Concen: 38.550 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.4
141	80.1	63.0	94.6

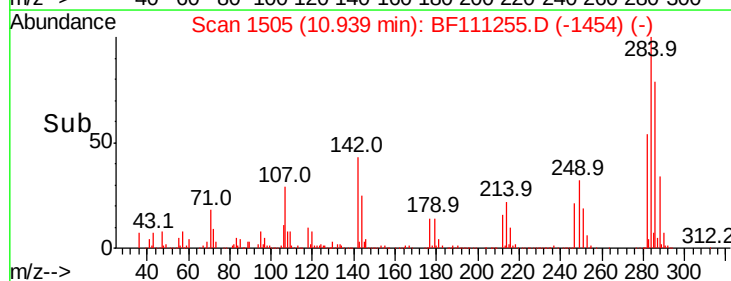
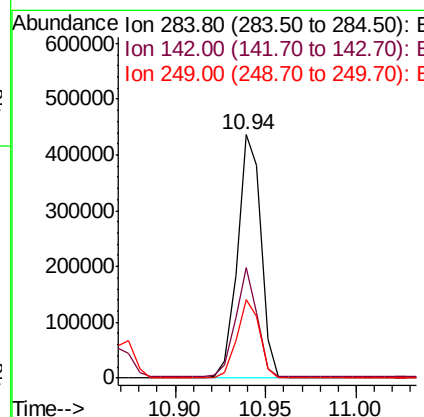
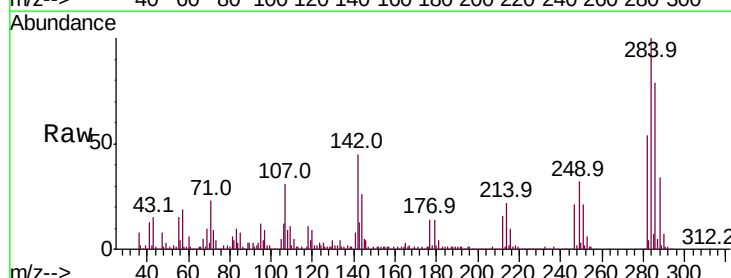
Manual Integrations
APPROVED

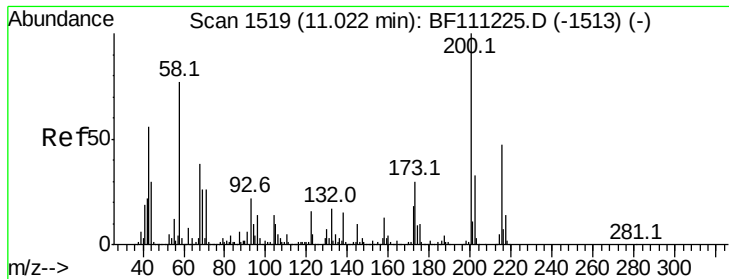
Sohil
12/11/2018 2:23:38 PM



#68
Hexachlorobenzene
Concen: 37.939 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.4	27.4	41.2#
249	32.3	24.4	36.6





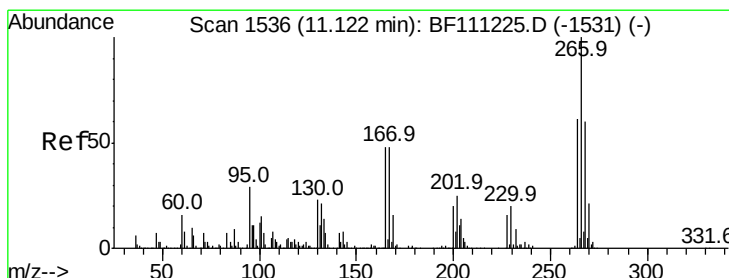
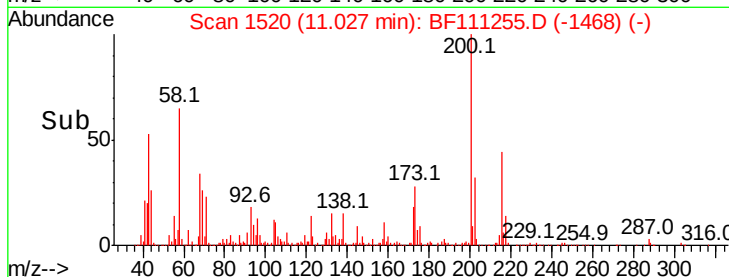
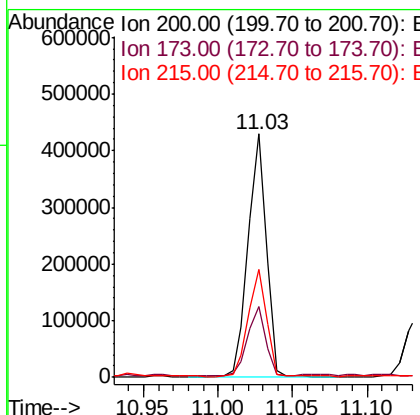
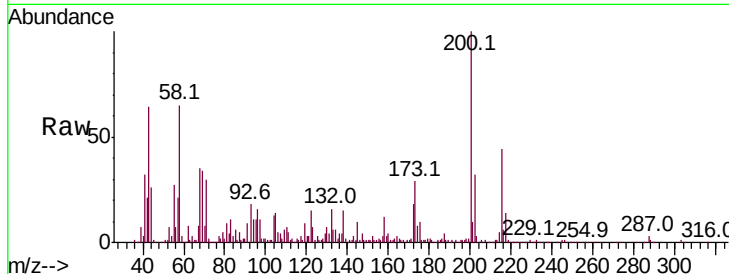
#69
Atrazine
Concen: 37.846 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	10.1	50.1
215	44.3	26.9	66.9

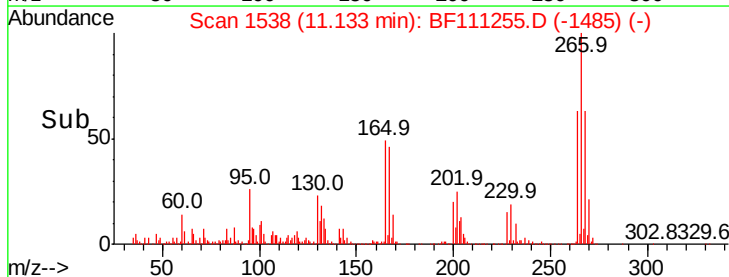
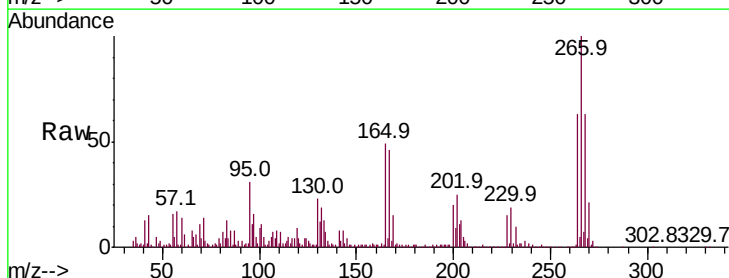
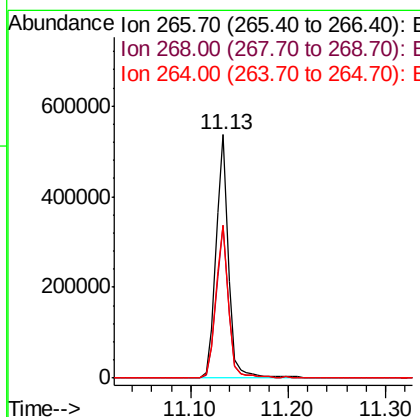
Manual Integrations
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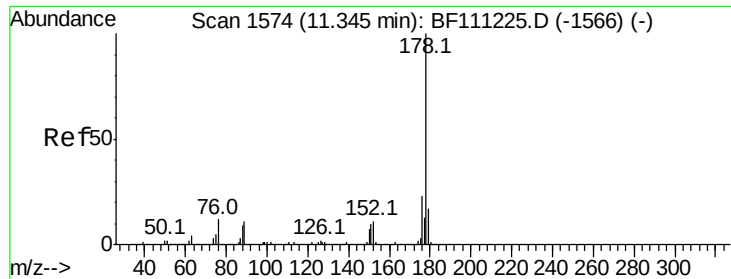
Sohil
12/11/2018 2:23:38 PM



#70
Pentachlorophenol
Concen: 63.861 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	47.9	71.9
264	62.9	49.1	73.7





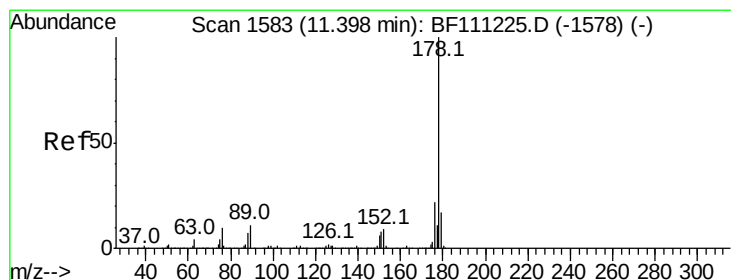
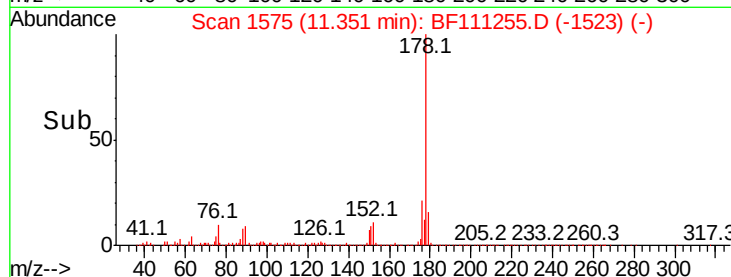
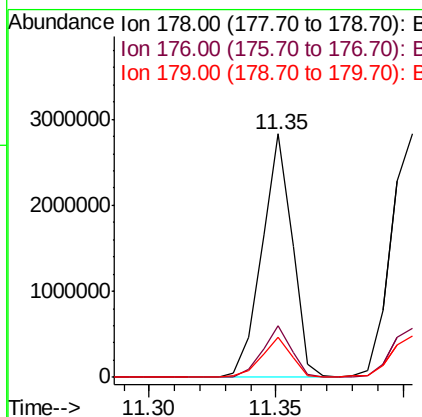
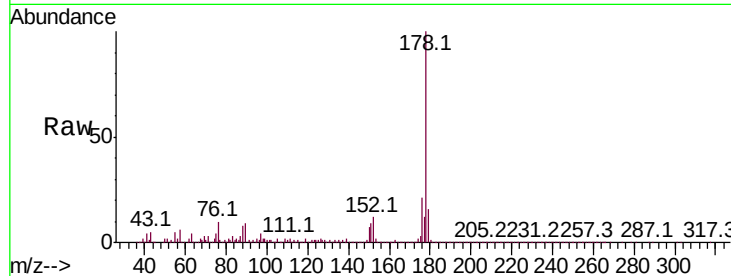
#71
Phenanthrene
Concen: 50.311 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	18.1	27.1
179	16.3	14.0	21.0

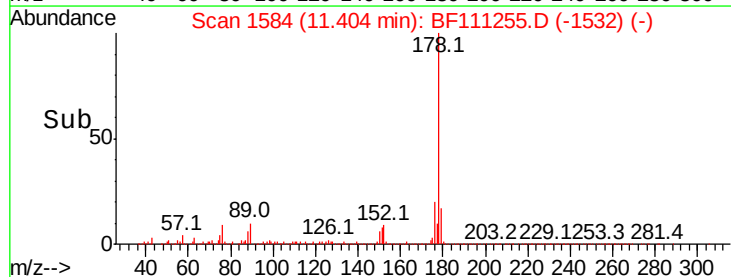
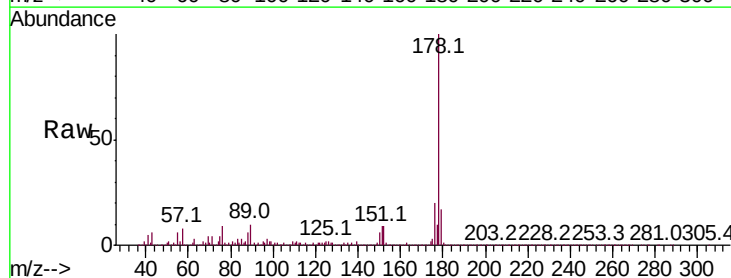
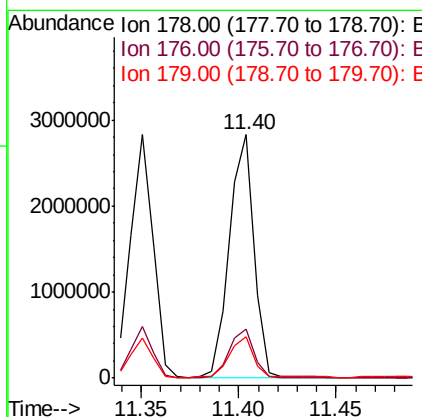
Manual Integrations
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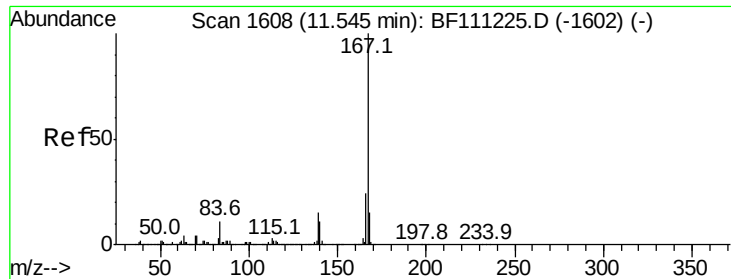
Sohil
12/11/2018 2:23:38 PM



#72
Anthracene
Concen: 50.367 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	16.8	13.8	20.8





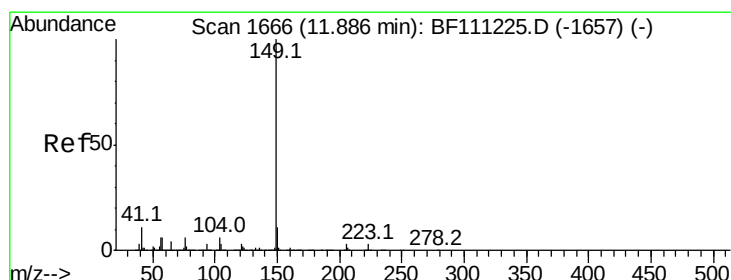
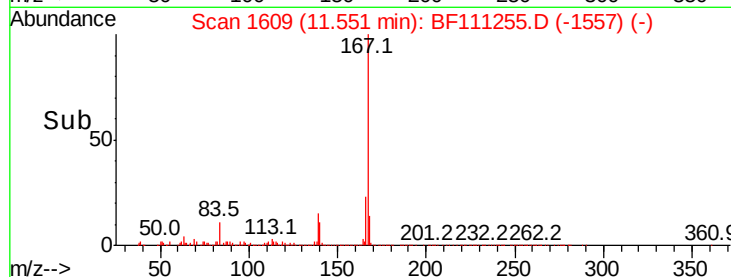
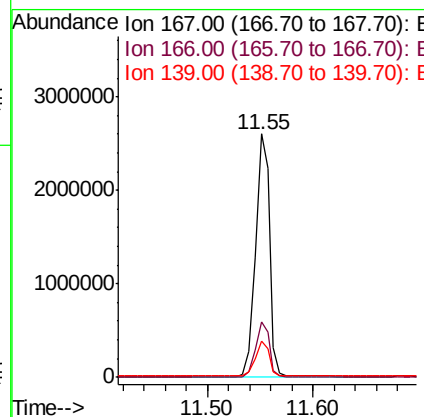
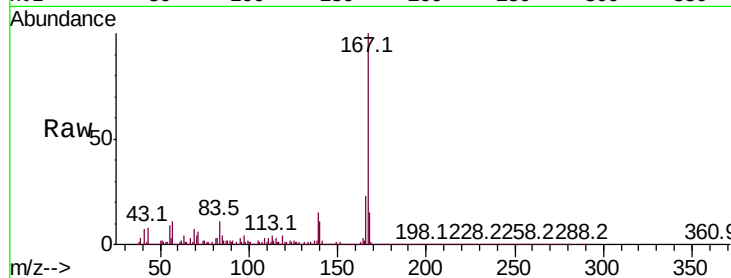
#73
 Carbazole
 Concen: 47.096 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111255.D
 Acq: 10 Dec 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.3	28.9
139	14.9	11.9	17.9

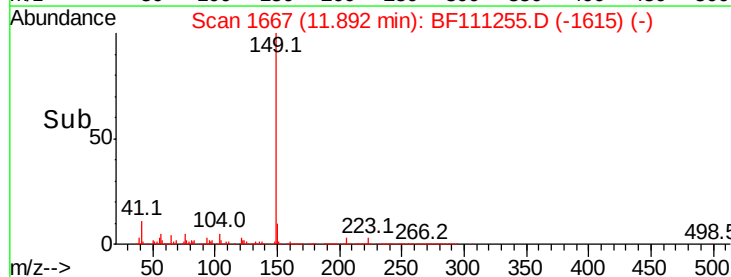
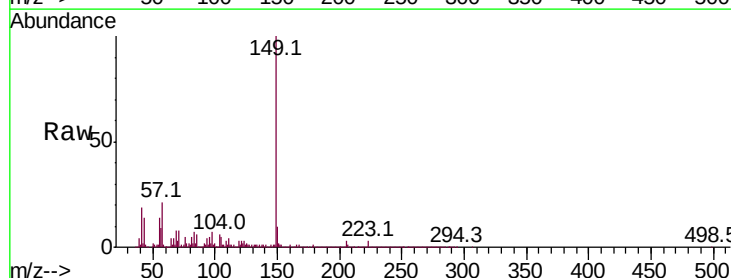
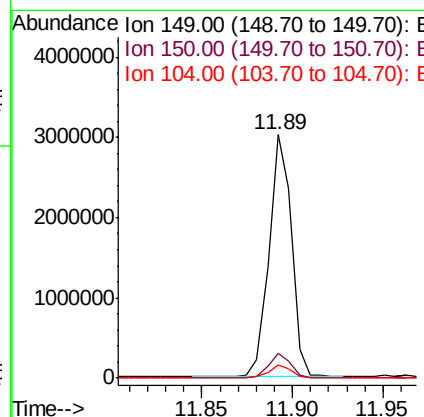
Manual Integrations
 APPROVED

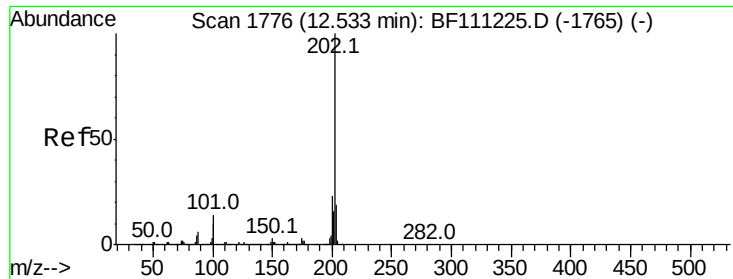
Sohil
 12/11/2018 2:23:38 PM



#74
 Di-n-butylphthalate
 Concen: 49.078 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111255.D
 Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.8	13.2
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 42.978 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

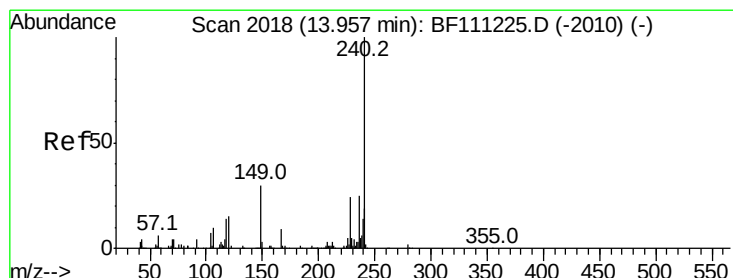
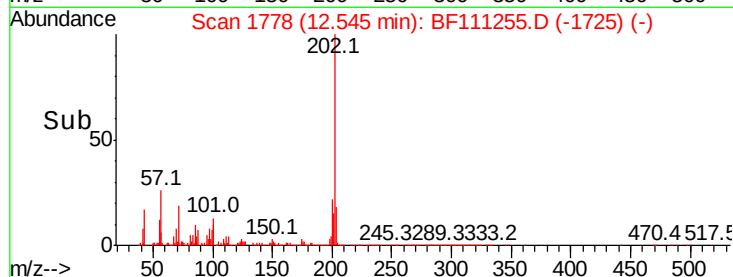
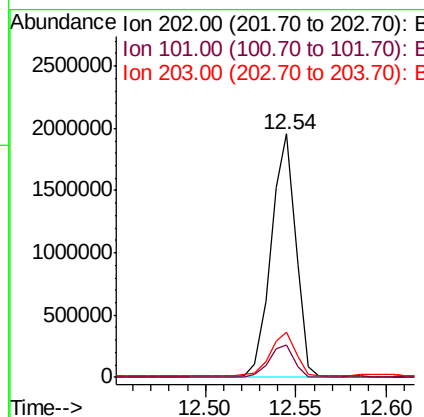
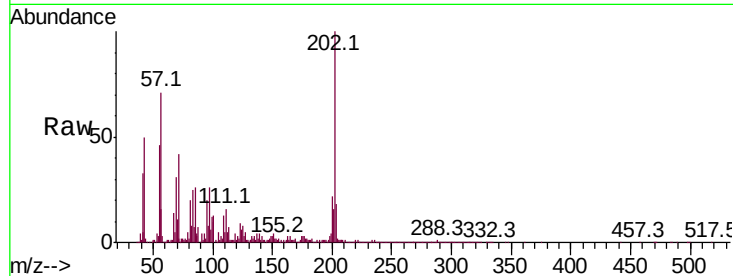
ClientSampleId :

AU-7-120618MSD

Tot Ion:	202	Resp:	1838085
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.8
203	18.4	0.0	38.6

Manual Integrations
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12/11/2018 2:23:38 PM



#76

Chrysene-d12

Concen: 20.000 ng

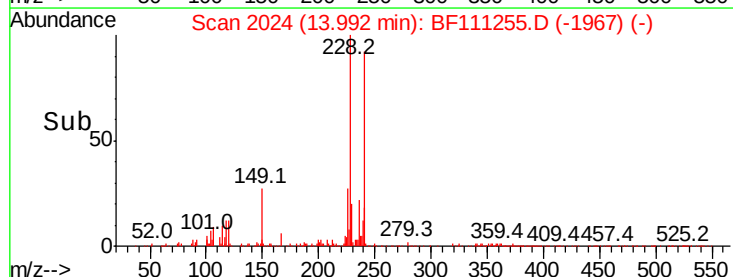
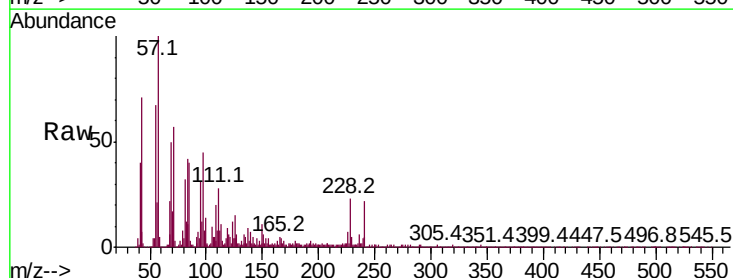
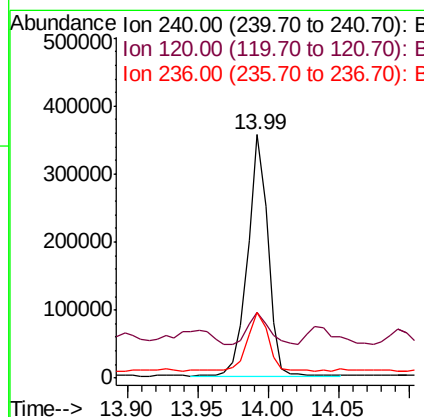
RT: 13.99 min Scan# 2024

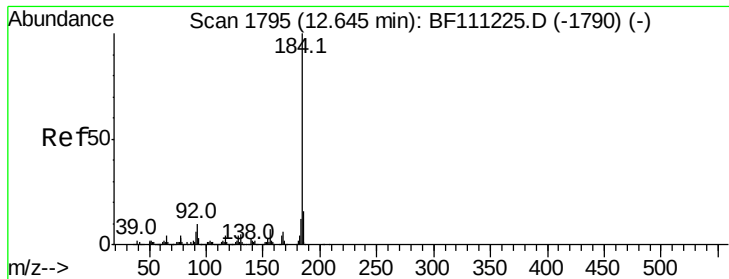
Delta R.T. 0.04 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	240	Resp:	354572
Ion Ratio	Lower	Upper	
240	100		
120	27.1	12.2	18.2#
236	26.9	20.2	30.2





#77

Benzidine

Concen: 1.419 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

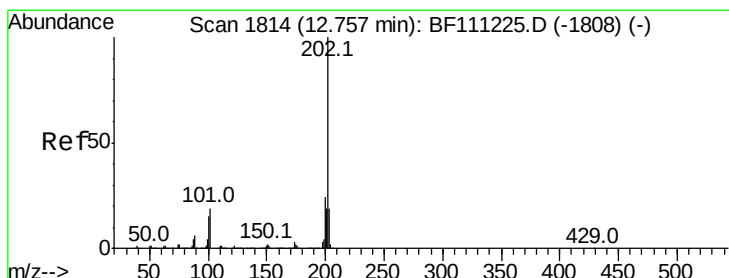
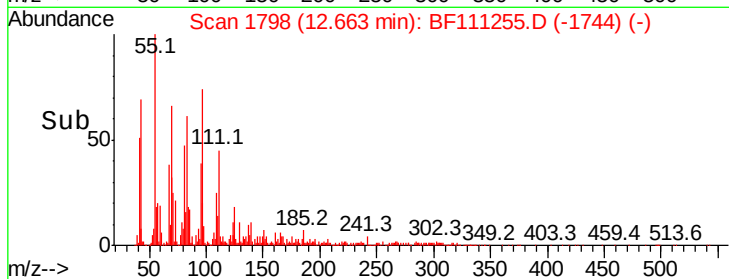
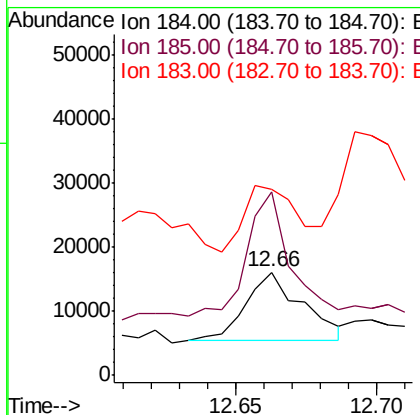
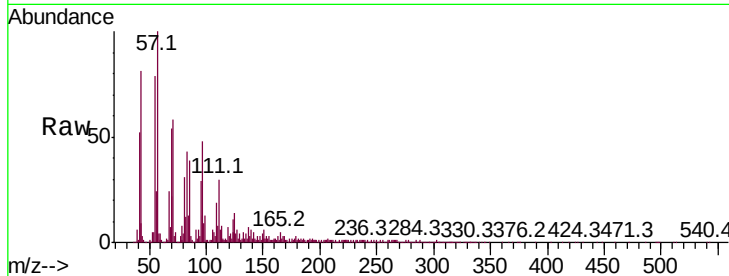
ClientSampleId :

AU-7-120618MSD

Tot Ion:184 Resp: 14941
 Ion Ratio Lower Upper
 184 100
 185 177.4 13.0 19.6#
 183 179.8 9.3 13.9#

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#78

Pyrene

Concen: 71.262 ng

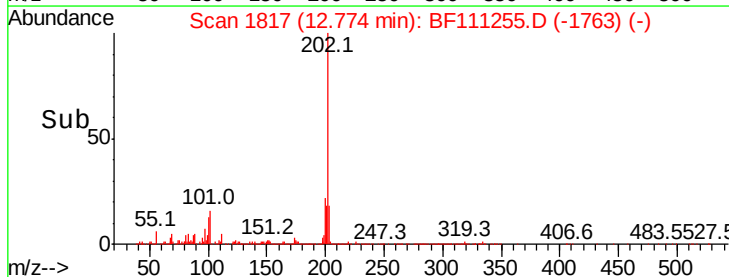
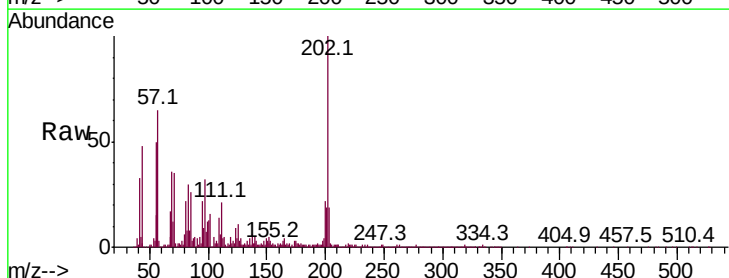
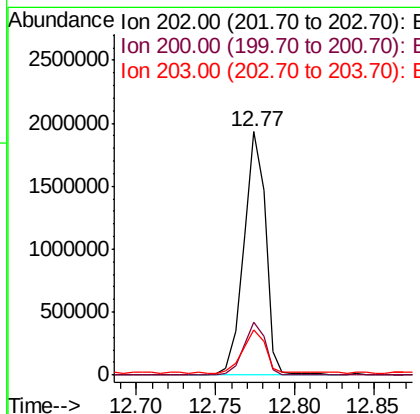
RT: 12.77 min Scan# 1817

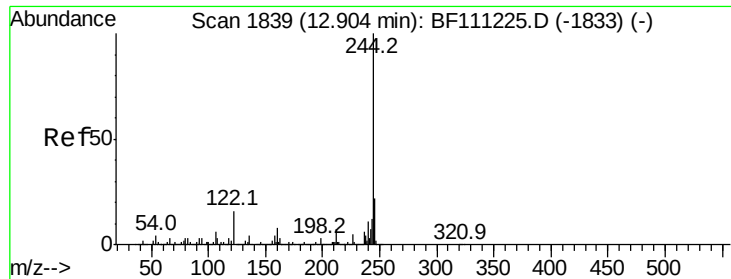
Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:202 Resp: 1805635
 Ion Ratio Lower Upper
 202 100
 200 21.8 19.0 28.4
 203 18.7 15.2 22.8





#79

Terphenyl-d14

Concen: 136.857 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MSD

Tot Ion:244 Resp: 2023049

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

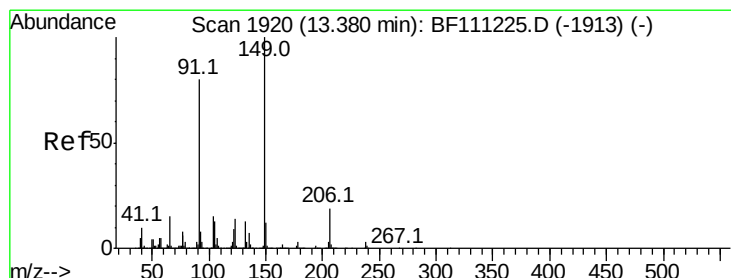
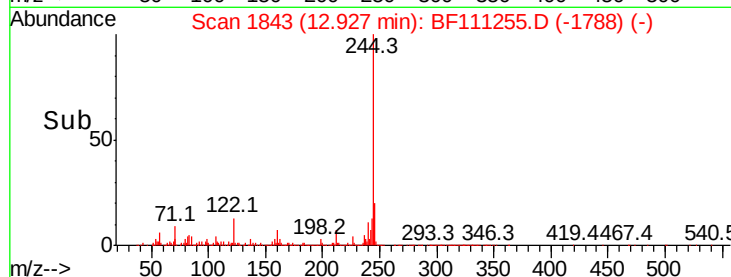
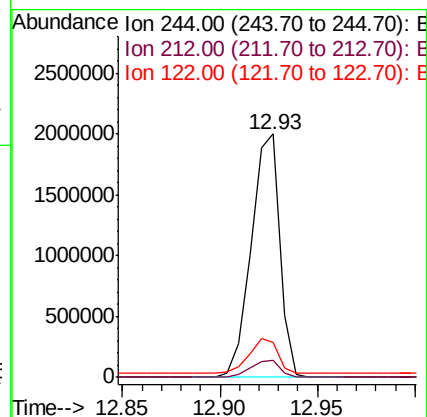
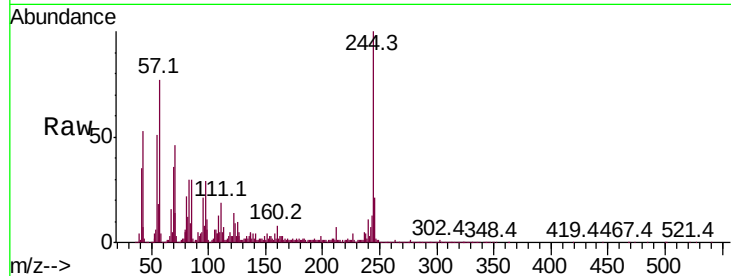
122 14.3 13.1 19.7

Manual Integrations

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#80

Butylbenzylphthalate

Concen: 49.697 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.02 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

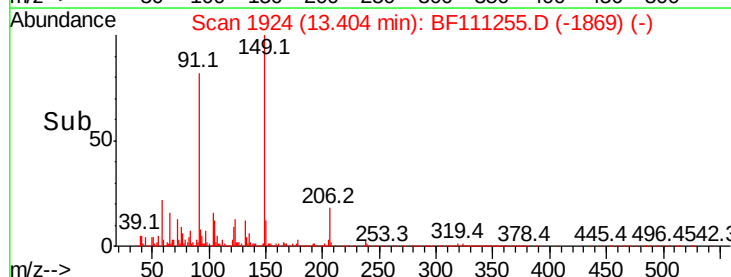
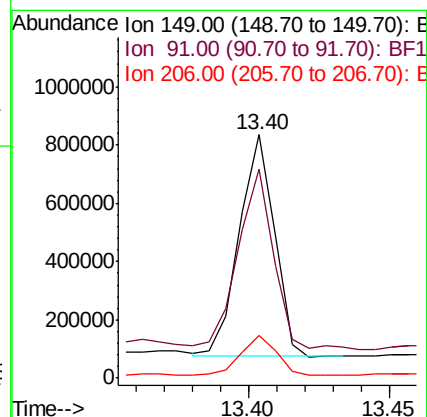
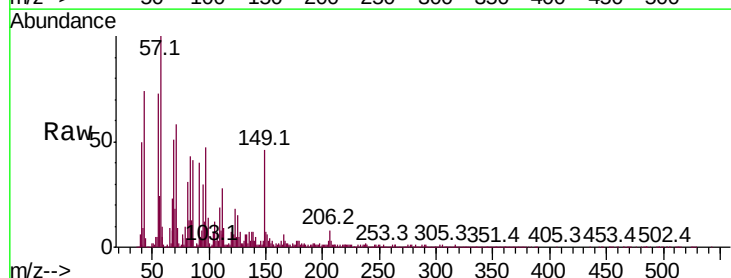
Tgt Ion:149 Resp: 657719

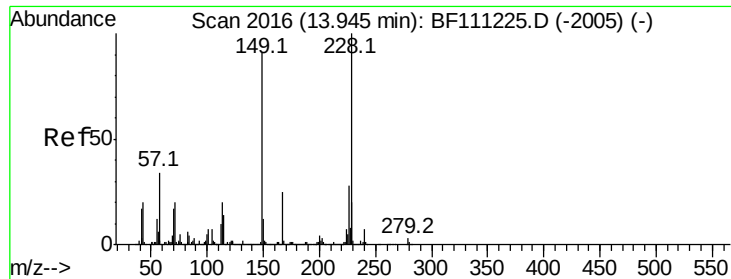
Ion Ratio Lower Upper

149 100

91 86.0 63.8 95.6

206 17.8 15.1 22.7





#81

Benzo(a)anthracene

Concen: 48.725 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.04 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

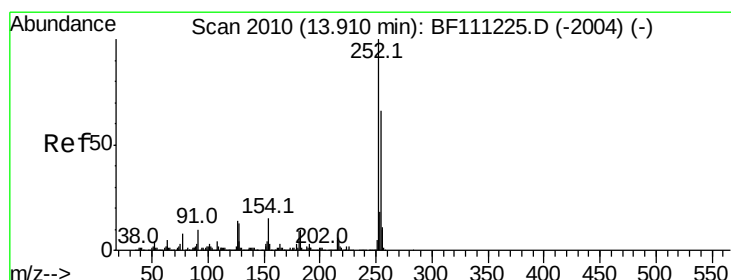
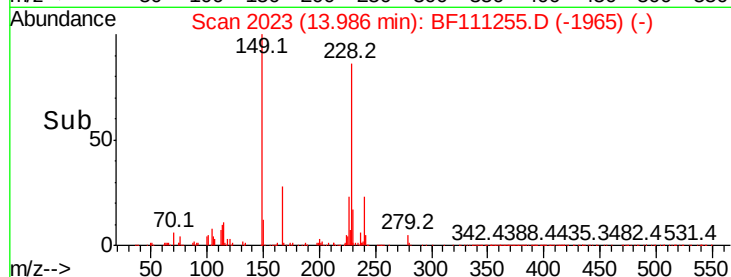
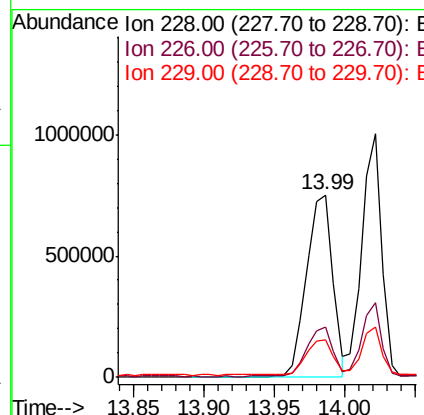
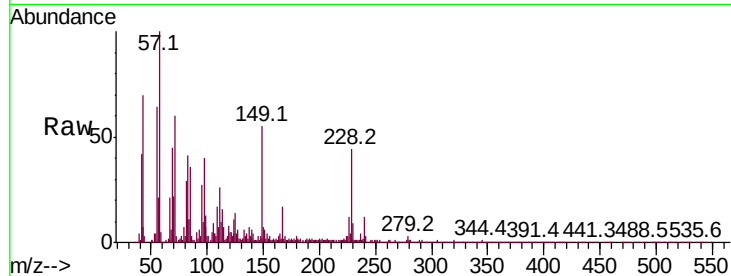
ClientSampleId :

AU-7-120618MSD

Tot Ion:	228	Resp:	963839
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	34.0
229	20.8	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 15.619 ng

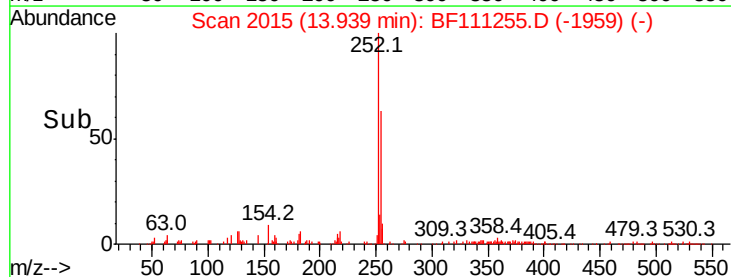
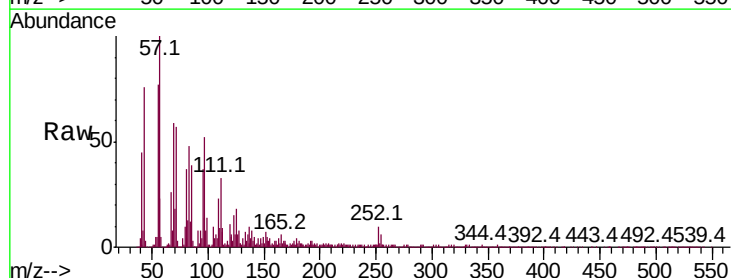
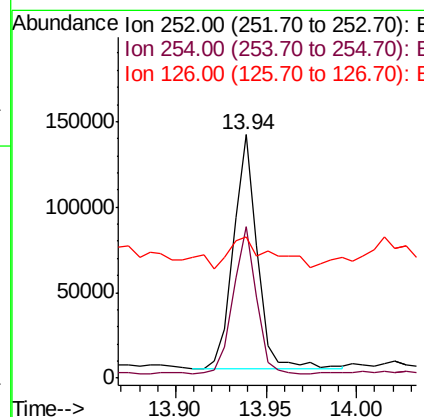
RT: 13.94 min Scan# 2015

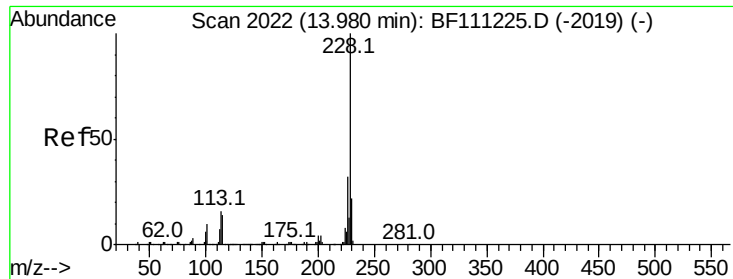
Delta R.T. 0.03 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	252	Resp:	126634
Ion Ratio	Lower	Upper	
252	100		
254	62.1	52.7	79.1
126	57.8	11.1	16.7#





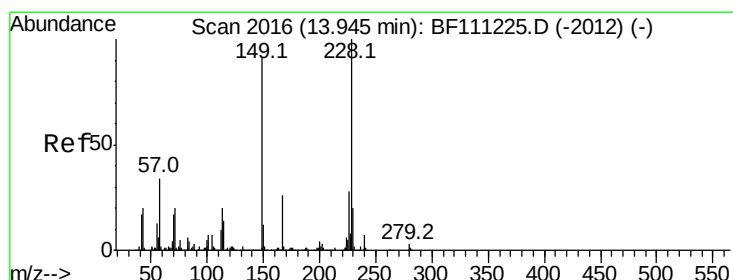
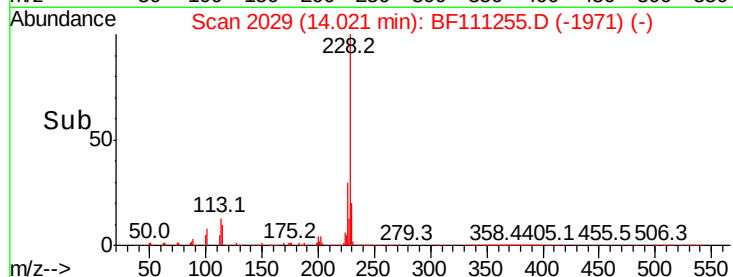
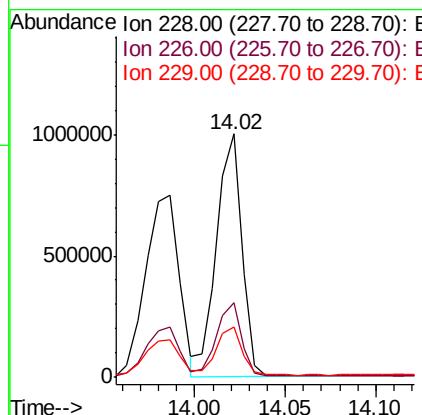
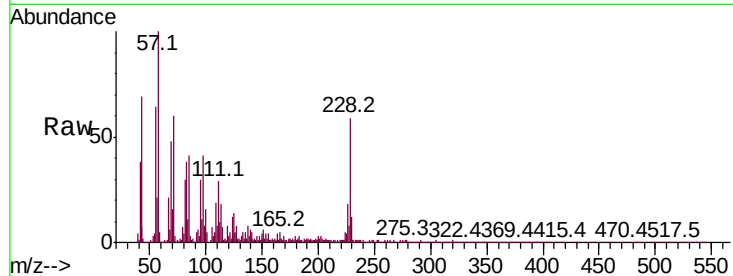
#83
Chrysene
Concen: 47.588 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.04 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	20.7	17.2	25.8

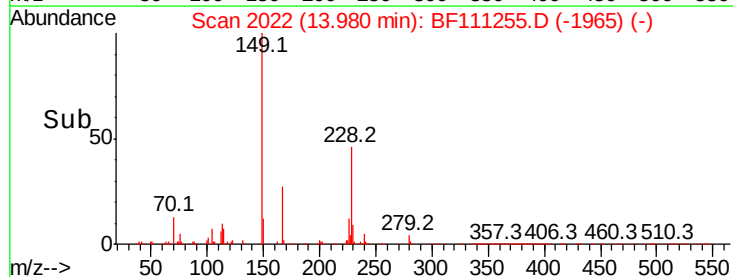
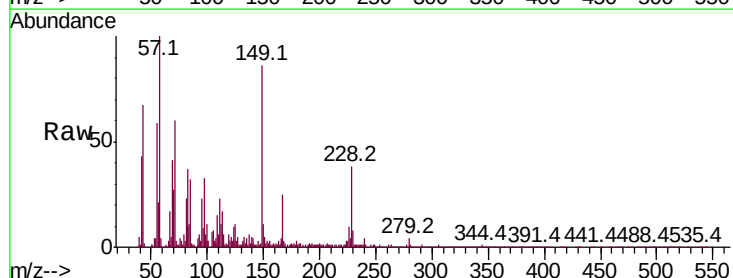
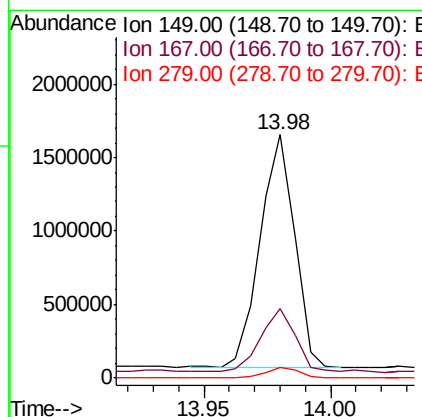
Manual Integrations
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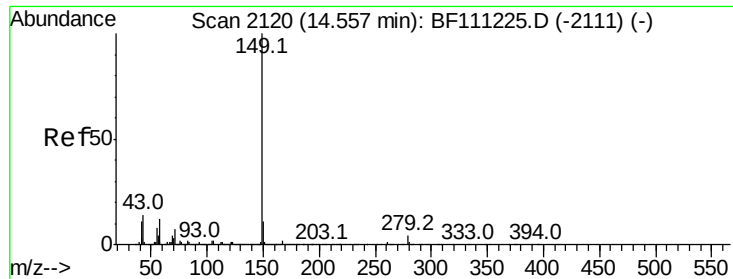
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#84
Bis(2-ethylhexyl)phthalate
Concen: 94.880 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.04 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	4.1	2.6	4.0





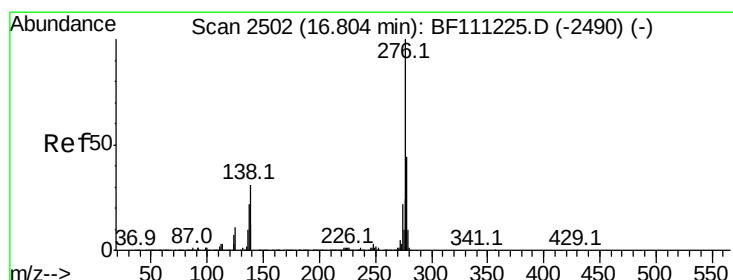
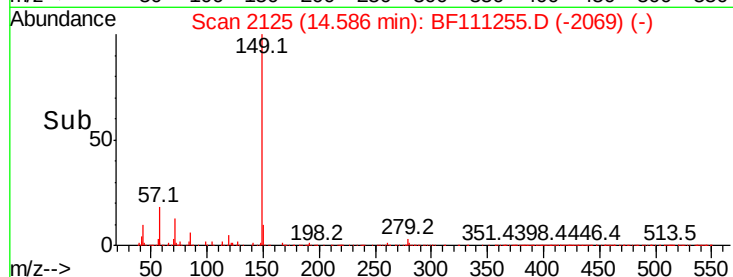
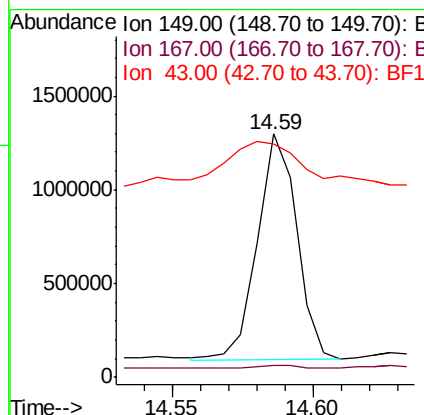
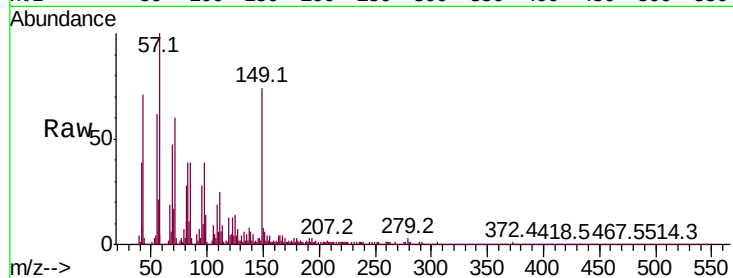
#85
Di-n-octyl phthalate
Concen: 43.936 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.03 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.3	1.3	1.9#
43	46.3	10.9	16.3#

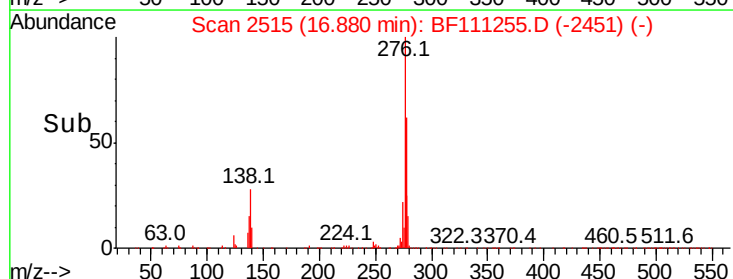
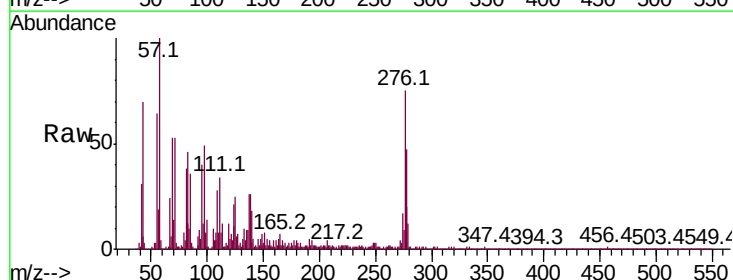
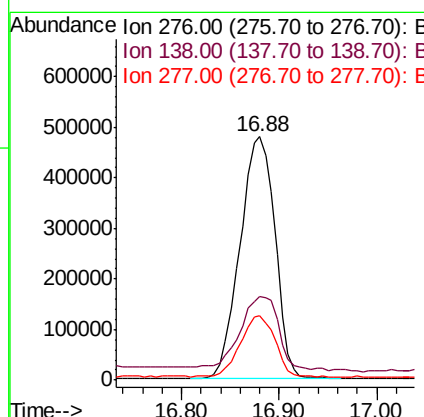
Manual Integrations
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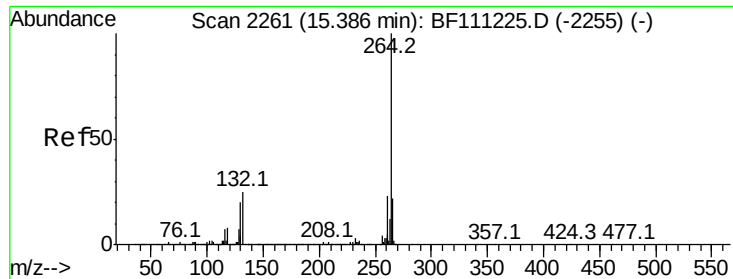
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 72.600 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.08 min
Lab File: BF111255.D
Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.8	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.06 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

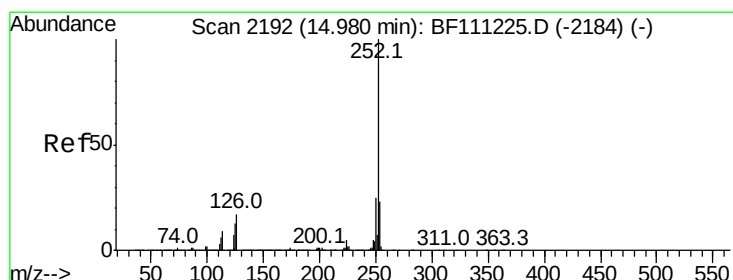
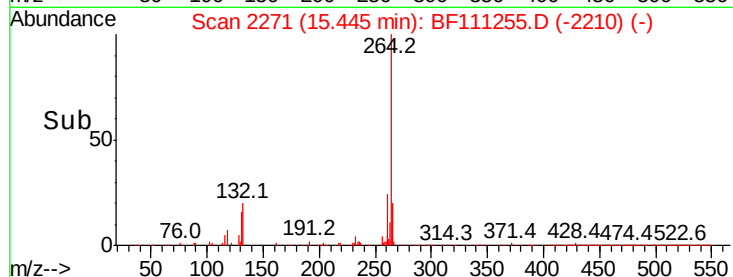
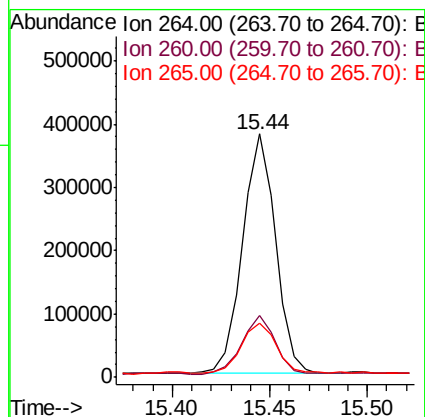
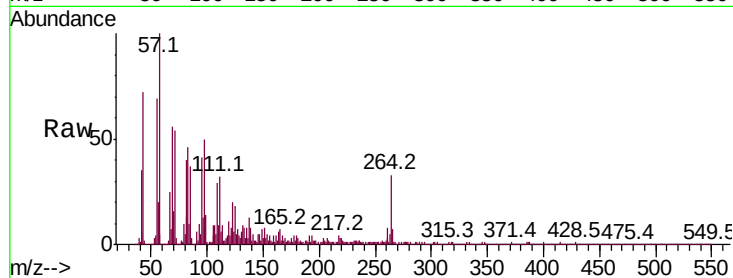
ClientSampleId :

AU-7-120618MSD

Tot Ion:	264	Resp:	446041
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.3	27.5
265	22.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 42.624 ng

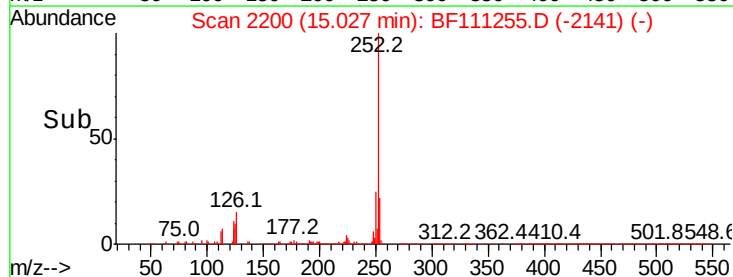
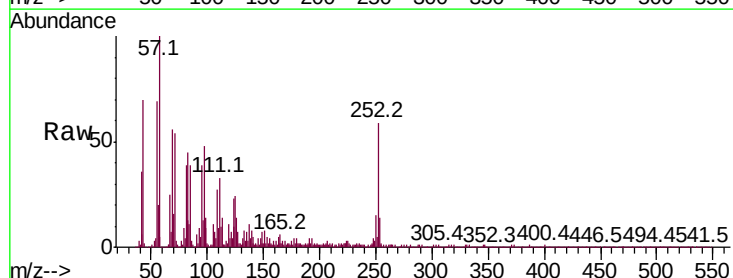
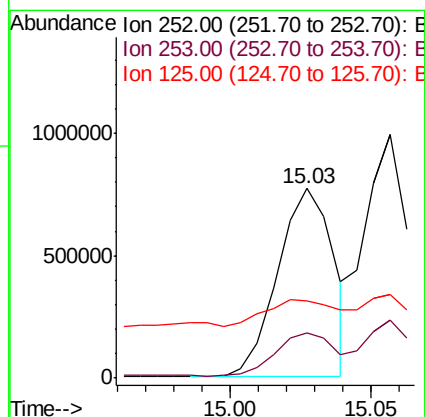
RT: 15.03 min Scan# 2200

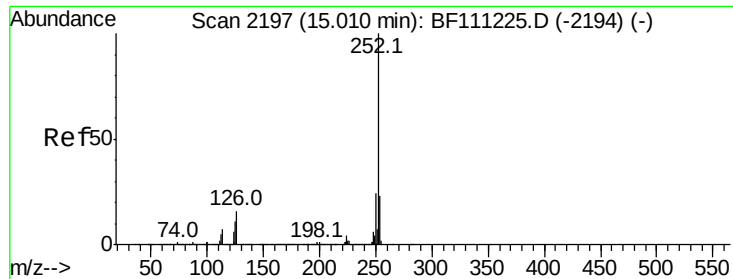
Delta R.T. 0.05 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	252	Resp:	1051396
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	40.7	10.4	15.6#





#89

Benzo(k)fluoranthene

Concen: 45.134 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.05 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

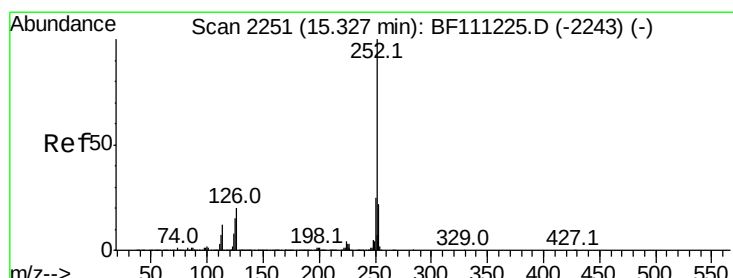
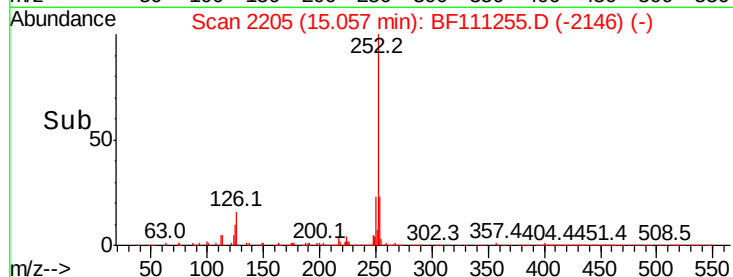
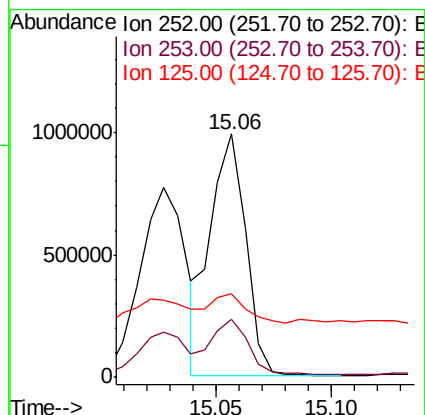
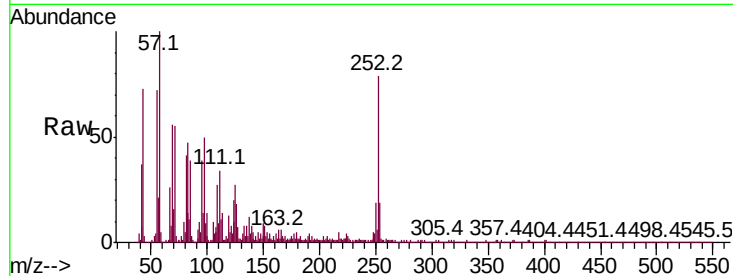
ClientSampleId :

AU-7-120618MSD

Tot Ion:	252	Resp:	1046734
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	34.2	9.8	14.8#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 48.864 ng

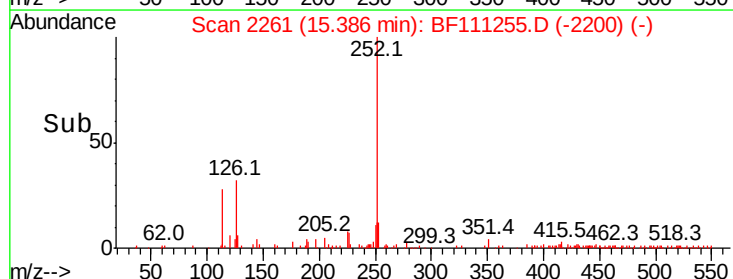
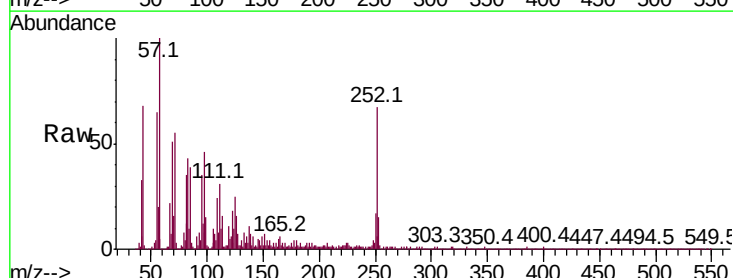
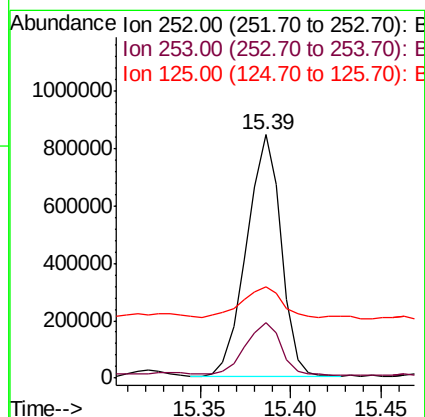
RT: 15.39 min Scan# 2261

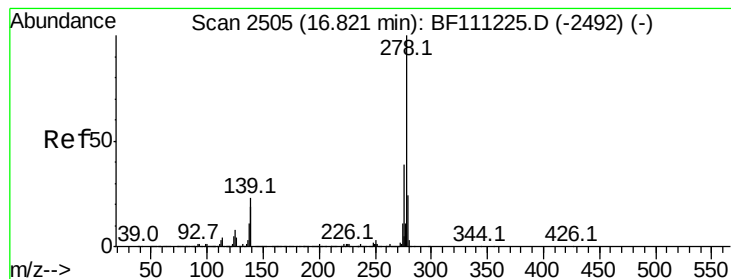
Delta R.T. 0.06 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	252	Resp:	1109966
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	37.4	12.3	18.5#





#91

Dibenzo(a,h)anthracene

Concen: 55.942 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.07 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_F

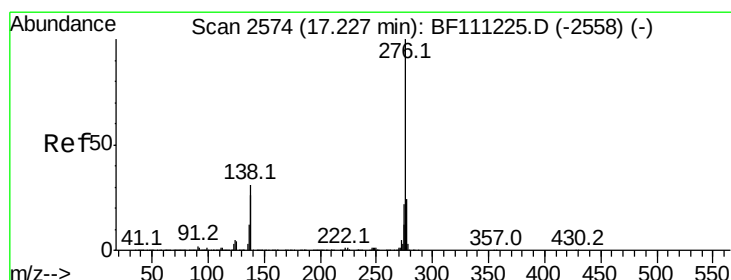
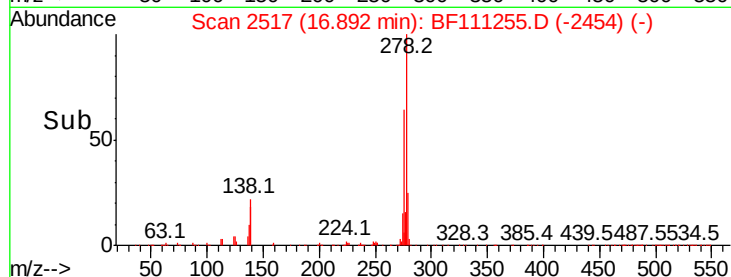
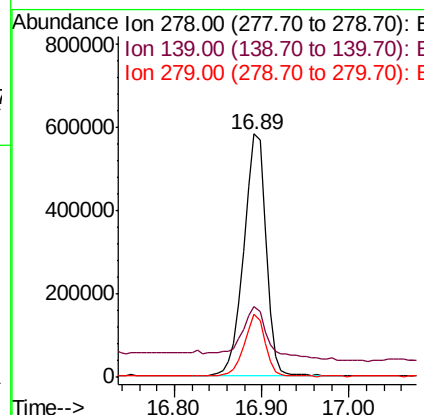
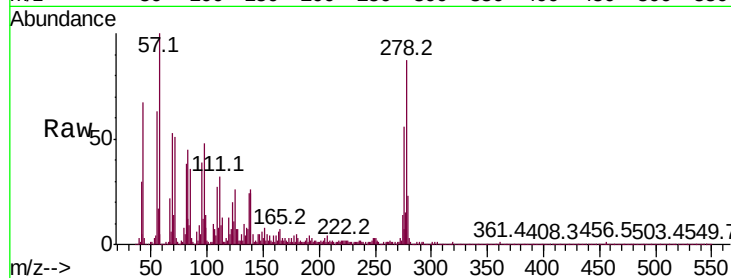
ClientSampleId :

AU-7-120618MSD

Tot Ion:	278	Resp:	998088
Ion Ratio	Lower	Upper	
278	100		
139	29.2	18.2	27.4#
279	25.8	19.0	28.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 46.544 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.08 min

Lab File: BF111255.D

Acq: 10 Dec 2018 21:14

Tgt Ion:	276	Resp:	831287
Ion Ratio	Lower	Upper	
276	100		
277	26.1	19.2	28.8
138	29.0	24.9	37.3

